

# Inspection Output (IOR)

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## Report Filters

Assets Avista Utilities Corp- RITZVILLE / 90867 (1915)

Results All

## Inspection Information

Inspection Name	8985_Avista_Ritzville STD_2025	Operator(s)	AVISTA CORP (31232)	Plan Submitted	09/24/2025
Status	LOCKED	Lead	Derek Norwood	Plan Approval	09/24/2025 by Dennis Ritter
Start Year	2025	Observer(s)	David Cullom, Anthony Dorrough, Scott Anderson, John Trier, Marina Rathbun, Tom Green, Jason Hoxit, Emma Barrett	All Activity Start	08/04/2025
System Type	GD	Director	Dennis Ritter	All Activity End	08/29/2025
Protocol Set ID	WA.GD.2024.02			Inspection Submitted	09/30/2025
				Inspection Approval	09/30/2025 by Dennis Ritter

## Inspection Summary

### Inspection Scope and Summary

This inspections was a standard inspection and included a records review and field inspection of Avista assets in Ritzville district. Records reviewed were from 2022 to 2024. Records were provided to WUTC staff via email, were reviewed via Microsoft Teams and in person. Facilities visited included regulator stations, cp test points, casings, bridge crossing, valves and odorant test sites in Stevenson, Goldendale, Connell, Lind, Odessa, Ritzville and Sprague.

### Facilities visited and Total AFOD

Records were provided to WUTC staff via email, were reviewed via Microsoft Teams and in person. Facilities visited included regulator stations, CP test points, casing, bridge crossing, valves and odorant test sites in Spokane County.

### Summary of Significant Findings

There were no findings as a result of this inspection.

### Primary Operator contacts and/or participants

Randy Bareither  
Principal Gas Pipeline Safety Engineer  
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### Operator executive contact and mailing address for any official correspondence

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## Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1.	90867 (1915)	Avista Utilities Corp- RITZVILLE	unit	90867	Storage Fields Bottle/Pipe - Holders Vault Offshore GOM	186	186	186	100.0%

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
					OCS Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric Abandoned					

1. Percent completion excludes unanswered questions planned as "always observe".

## Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	90867 (1915)	WUTC Standard Inspection	AR, CR, DC, EP, FS, MO, GDIM, LPGIM, PD, RPT, TD, TQ, 114, GENERIC	P, R, O, S	Detail	--

## Plan Implementations

Activity #	Activity Name	SMAR T Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Asset s	Qst Type(s)	Planned	Required	Total Inspected	Required % Complete
1	Records	--	08/04/2025	08/29/2025	--	all planned questions	all assets	P, R	111	111	111	100.0%
2	Field Inspection	--	08/25/2025	08/29/2025	--	all planned questions	all assets	O	75	75	75	100.0%

1. Since questions may be implemented in multiple activities, but answered only once, questions may be represented more than once in this table.
2. Percent completion excludes unanswered questions planned as "always observe".
3. Question counts and completion percents are filtered to include only questions planned for and results applied to the filtered Assets.

## Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	Records	COMPLETED	09/24/2025	Field Inspection	90867 (1915)

## Results (all values, 186 results)

210 (instead of 186) results are listed due to re-presentation of questions in more than one sub-group.

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

1. Question Result, ID, References **NA, AR.PTI.EQUIPCALIB.O,**  
 Question Text *Is pressure testing equipment calibrated according to calibration schedules and procedures?*  
 Assets Covered **90867 (1915)**  
 Result Notes **No such activity/condition was observed during the inspection.**
2. Question Result, ID, References **NA, AR.PTI.PLASTICPRESSURETEST.O,**

Question Text *Is plastic pipe installed and backfilled prior to pressure testing?*

Assets Covered 90867 (1915)

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

## AR.RCOM: Repair Criteria (O and M)

3. Question Result, ID, References NA, AR.RCOM.REPAIR.R, 192.491(c) (192.487, 192.489)

Question Text *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?*

Assets Covered 90867 (1915)

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

4. Question Result, ID, References NA, AR.RCOM.PLASTICLEAKCLAMP.R, 192.720 (also presented in: MO.GM)

Question Text *Do records indicate that mechanical leak clamp repairs for plastic pipe are documented with date installed, location, and date of removal?*

Assets Covered 90867 (1915)

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

5. Question Result, ID, References NA, AR.RCOM.PLASTICLEAKCLAMP.O, 192.720 (192.605, 192.603) (also presented in: MO.GM)

Question Text *Do field observations verify that mechanical leak clamp repairs for plastic pipe were installed and documented properly?*

Assets Covered 90867 (1915)

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

## AR.RMP: Repair Methods and Practices

6. Question Result, ID, References Sat, AR.RMP.IGNITION.O, 192.751(a) (192.751(b), 192.751(c))

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.*

Assets Covered 90867 (1915)

Result Notes Ignition sources removed

Fire extinguishers on site for reg station inspections

7. Question Result, ID, References Sat, AR.RMP.TESTREINSTATE.R, 192.603(b) (192.725(a), 192.725(b))

Question Text *From the review of records, did the operator properly test disconnected service lines?*

Assets Covered 90867 (1915)

Result Notes Reviewed all records of reinstated service line

All were tested prior to reinstating

19 records for this district

## DC.CO: Construction

8. Question Result, ID, References Sat, DC.CO.CLEARANCE.R, 192.325(b) (192.325(c)) (also presented in: DC.PLASTIC)

Question Text *Do records indicate that mains are installed with clearances specified in 192.325, and (if plastic) installed as to prevent heat damage to the pipe?*

Assets Covered 90867 (1915)

Result Notes Construction records reviewed during the inspection indicate that all Avista standards and regulations were followed

Form N-2490 signed by foreman

9. Question Result, ID, References **NA, DC.CO.CLEARANCE.O, 192.325(b) (192.325(c))** (also presented in: DC.PLASTIC)  
 Question Text *Do field observations indicate that mains are installed with the clearances specified in 192.325 and (if plastic) installed as to prevent heat damage to the pipe?*  
 Assets Covered **90867 (1915)**  
 Result Notes **No such activity/condition was observed during the inspection.**
10. Question Result, ID, References **Sat, DC.CO.PLASTICPIPEPROC.O,**  
 Question Text *Is plastic pipe handled, stored and installed in accordance with manufacturer's recommendations, including maximum ultraviolet exposure?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Visted pipe storage yards in Goldendale and Ritzville**  
  
**Both location had PE pipe properly stored and monitored for UV exposure limits**
11. Question Result, ID, References **Sat, DC.CO.PLASTICPIPESEP.R,**  
 Question Text *Do records indicate minimum separation requirements are met for plastic pipelines?*  
 Assets Covered **90867 (1915)**  
 Result Notes **GSM 3.15 meets all code requirements for separation requirements**  
  
**Construction records reviewed during the inspection indicate that all Avista standards and regulations were followed**  
  
**Form N-2490 signed by foreman**
12. Question Result, ID, References **NA, DC.CO.PLASTICPIPESEP.O,**  
 Question Text *Are plastic pipelines installed with the minimum separation from other utilities as required?*  
 Assets Covered **90867 (1915)**  
 Result Notes **No such activity/condition was observed during the inspection.**
13. Question Result, ID, References **NA, DC.CO.PLASTICBACKFILL.O,**  
 Question Text *Is plastic pipe buried in essentially rock-free material or material recommended by the pipe manufacturer?*  
 Assets Covered **90867 (1915)**  
 Result Notes **No such activity/condition was observed during the inspection.**
14. Question Result, ID, References **NA, DC.CO.PLASTICSQUEEZING.O,**  
 Question Text *Verify that the operator has limits in place for squeezing plastic pipe.*  
 Assets Covered **90867 (1915)**  
 Result Notes **No such activity/condition was observed during the inspection.**

## **DC.DPCOPP: Design of Pipe - Overpressure Protection**

15. Question Result, ID, References **Sat, DC.DPCOPP.OVERPRESSURE.R, 192.195(a) (192.199, 192.201(a), 192.201(b), 192.201(c))**  
 Question Text *Do records indicate that the pipeline has pressure relieving or pressure limiting devices that are required by 192.195(a), and that they meet the requirements of 192.199 and 192.201?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Single Service Farm Tap Regulator in Ritzville**  
  
**Pre-fabricated in shop for above ground station**  
  
**Station stamped ID 253, tested 1/5/23, Tested at 921 for 1 hr 20 min**

Records document relief and regulator flow capacity

Station 116 re-built due to fire

Pre-fabricated in shop for above ground station

Pressure tested in 2021 for 1 hr 8 minutes

Records document relief and regulator flow capacity

## DC.WELDPROCEDURE: Construction Welding Procedures

16. Question Result, ID, References **Sat, DC.WELDPROCEDURE.WELD.R, 192.225(a) (192.225(b))**  
Question Text *Do records indicate weld procedures are being qualified in accordance with 192.225?*  
Assets Covered **90867 (1915)**  
Result Notes **Reviewed weld procedures**
- All had associated procedure qualification
17. Question Result, ID, References **NA, DC.WELDPROCEDURE.ONSITE.O,**  
Question Text *Are qualified written welding procedures located onsite where welding is being performed?*  
Assets Covered **90867 (1915)**  
Result Notes **No such activity/condition was observed during the inspection.**
18. Question Result, ID, References **Sat, DC.WELDPROCEDURE.ESSENTIAL.R,**  
Question Text *Do records indicate that essential variables were measured and documented when welders and procedures were qualified?*  
Assets Covered **90867 (1915)**  
Result Notes **Reviewed welder and procedure qualification records**
- Essential variables were documented
19. Question Result, ID, References **NA, DC.WELDPROCEDURE.ESSENTIAL.O,**  
Question Text *Does the operator document essential variables when qualifying welders and weld procedures?*  
Assets Covered **90867 (1915)**  
Result Notes **No such activity/condition was observed during the inspection.**

## DC.DPC: Design of Pipe Components

20. Question Result, ID, References **Sat, DC.DPC.FLANGE.R, 192.147(a) (192.147(b), 192.147(c))**  
Question Text *Do records indicate flanges and flange accessories meet the requirements of 192.147?*  
Assets Covered **90867 (1915)**  
Result Notes **Reviewed Avista's Gas Materials Catalog V8 for approved flanges and accessories, All were ANSI B16.5 rated**
- All flanges used by Avista can be found in the Avista Gas Materials Catalog. All meet specifications ASME/ANSI B16.5. ANSI 150 can be used up to a MAOP of 275 psig. ANSI 300 can be used up to 720 psig. With regard to specification MSS-SP-44, that specification covers flanges 12" and greater in size which are not an inventory item for Avista.
21. Question Result, ID, References **NA, DC.DPC.FLANGE.O, 192.141 (192.147(a), 192.147(b), 192.147(c))**  
Question Text *Do flanges and flange accessories meet the requirements of 192.147?*  
Assets Covered **90867 (1915)**  
Result Notes **No such activity/condition was observed during the inspection.**

22. Question Result, ID, References **Sat, DC.DPC.GDVALVEPLACEMENT.O, 192.141 (192.181(a), 192.181(b), 192.181(c))**  
Question Text *Are distribution line valves being installed as required of 192.181?*  
Assets Covered **90867 (1915)**  
Result Notes **Valves at Reg stations were good and operated during station inspections**

## DC.MO: Maintenance and Operations

23. Question Result, ID, References **Sat, DC.MO.MAOPLIMIT.O, 192.605(b)(5)**  
Question Text *During startup or shut-in, is it assured that the pressure limitations on the pipeline were not exceeded?*  
Assets Covered **90867 (1915)**  
Result Notes **Pressure was monitored when stations were shut-in**

## DC.MA: Materials

24. Question Result, ID, References **Sat, DC.MA.MARKING.R, 192.63 (also presented in: DC.PLASTIC)**  
Question Text *Do records indicate that pipe, valves, and fittings were marked as required?*  
Assets Covered **90867 (1915)**  
Result Notes **Pipe in storage yard and in the field was properly marked**
25. Question Result, ID, References **Sat, DC.MA.MARKING.O, 192.63(a) (192.63(b), 192.63(c), 192.63(d))**  
Question Text *Are pipe, valves, and fittings properly marked for identification in accordance with the requirements of 192.63?*  
Assets Covered **90867 (1915)**  
Result Notes **All pipe and fittings at the storage yards were properly marked**

## DC.METERREGSVC: Meters, Service Regulators, and Service Lines

26. Question Result, ID, References **Sat, DC.METERREGSVC.CUSTOMETERREGLOC.O, 192.351 (192.353(a), 192.353(b), 192.353(c), 192.353(d))**  
Question Text *Are meters and service regulators being located consistent with the requirements of 192.353?*  
Assets Covered **90867 (1915)**  
Result Notes **All meters visited were located appropriately**
27. Question Result, ID, References **Sat, DC.METERREGSVC.CUSTOMETERREGPROT.O, 192.351 (192.355(a), 192.355(b), 192.355(c))**  
Question Text *Are meters and service regulators being protected from damage consistent with the requirements of 192.355?*  
Assets Covered **90867 (1915)**  
Result Notes **All meters inspected were low risk of damage or had extra protection**
28. Question Result, ID, References **NA, DC.METERREGSVC.CUSTOMETERREGINSTALL.O, 192.351 (192.357(a), 192.357(b), 192.357(c), 192.357(d))**  
Question Text *Based on the meters and service regulators observed being installed, are the installations consistent with the requirements of §192.357?*  
Assets Covered **90867 (1915)**  
Result Notes **No such activity/condition was observed during the inspection.**
29. Question Result, ID, References **NA, DC.METERREGSVC.CUSTOMETEROPPRESS.O, 192.351 (192.359(a), 192.359(b), 192.359(c))**  
Question Text *Are customer meter operating pressures consistent with the requirements of 192.359?*  
Assets Covered **90867 (1915)**  
Result Notes **No such activity/condition was observed during the inspection.**
30. Question Result, ID, References **NA, DC.METERREGSVC.SVCLINEINSTALL.O, 192.351 (192.361(a), 192.361(b), 192.361(c), 192.361(d), 192.361(e), 192.361(f), 192.361(g))**

Question Text *Are customer service lines being installed consistent with the requirements of 192.361?*

Assets Covered 90867 (1915)

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

31. Question Result, ID, NA, DC.METERREGSVC.SVCLINEVLVLOCATEREQT.O, 192.351 (192.363(a), 192.363(b), 192.363(c),  
References 192.365(a), 192.365(b), 192.365(c))

Question Text *Are customer service line valves being installed meeting the valve and locations requirements of 192.363 and 192.365?*

Assets Covered 90867 (1915)

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

32. Question Result, ID, NA, DC.METERREGSVC.SVCLINECONNECT.O, 192.351 (192.367(a), 192.367(b), 192.369(a), 192.369(b))  
References

Question Text *Are customer service lines being installed with connections meeting the requirements of 192.367 and 192.369?*

Assets Covered 90867 (1915)

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

33. Question Result, ID, NA, DC.METERREGSVC.SVCLINEMATERIAL.O, 192.351 (192.371, 192.373(a), 192.373(b), 192.373(c),  
References 192.375(a), 192.375(b), 192.377)

Question Text *Are customer service lines being installed constructed appropriately for the types of materials used?*

Assets Covered 90867 (1915)

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

34. Question Result, ID, NA, DC.METERREGSVC.NEWSVCLINENOTUSED.O, 192.351 (192.379, 192.379(a), 192.379(b),  
References 192.379(c))

Question Text *Are new customer service lines not in use configured in accordance with the requirements of 192.379?*

Assets Covered 90867 (1915)

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

35. Question Result, ID, NA, DC.METERREGSVC.EXCSFLOWVLVLOCATE.O, 192.351 (192.381(c), 192.381(d), 192.381(e))  
References

Question Text *Are service line excess flow valves located and identified in accordance with the requirements of 192.381?*

Assets Covered 90867 (1915)

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

36. Question Result, ID, Sat, DC.METERREGSVC.REGTEST.R,  
References

Question Text *Do records indicate that service regulators have been installed, operated, maintained, tested during initial turn-on and tested when customers experience pressure problems?*

Assets Covered 90867 (1915)

Result Notes Good

Reviewed records for 2022-2024

Extract pulled items that are not service regulator turn ons or pressure problems

Reviewed work orders that had blank fields for flow and lockup

Comments describe that there was no pressure problem or flow and lockup were documented in the comments

37. Question Result, ID, NA, DC.METERREGSVC.REGTEST.O,  
References

Question Text *Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?*

Assets Covered 90867 (1915)

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

## DC.PT: Pressure Testing

38. Question Result, ID, References **Sat, DC.PT.SERVICELINE.R, 192.517(b) (192.511(a), 192.511(b), 192.511(c))**  
Question Text *Do records indicate that pressure testing is conducted in accordance with 192.511?*  
Assets Covered **90867 (1915)**  
Result Notes **Spot checked services installed throughout the district**

**All were tested at 100 psig and at the duration required by Avista standards**

## **DC.PTLOWPRESS: Pressure Testing - Low Pressure**

39. Question Result, ID, References **Sat, DC.PTLOWPRESS.PRESSTESTLOWSTRESS.R, 192.517(a) (192.507(a), 192.507(b), 192.507(c))**  
Question Text *Do records indicate that pressure testing is conducted in accordance with 192.507?*  
Assets Covered **90867 (1915)**  
Result Notes **Reviewed pressure test records for two stations installed in the district**

**Tested at >900 psig for 1 hour**

**4" HP installed 5/20/2022**

**Replaced part of pipe as part of uprate**

**Reviewed record for pressure test**

**780 psig for 7 hr 56 minutes**

**Standard requires 4 hours**

40. Question Result, ID, References **Sat, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.517(b) (192.509(a), 192.509(b))**  
Question Text *Do records indicate that pressure testing is conducted in accordance with 192.509(a) (except for service lines and plastic pipelines)?*  
Assets Covered **90867 (1915)**  
Result Notes **300' of 2" steel in Connell**

**Tested at 100 psig for 1 hour air test**

**Replaced 3' of pipe in Ritzville due to leak**

**Tested at 100 psig for 10 min**

**1-1/4" replaced in Warden, 3.6 feet**

**100 psig for 20 minutes**

## **DC.PLASTIC: Plastic Pipe Construction**

41. Question Result, ID, References **Sat, DC.PLASTIC.DESIGNPRESSPLASTIC.R, 192.121**  
Question Text *Do design records and drawings indicate the design pressure for plastic pipe is determined in accordance with the formulas in §192.121?*  
Assets Covered **90867 (1915)**  
Result Notes **PE Pipe Extract from Stock Item List and GSM 2.13 identify which pipe is approved for use in PE installation**

42. Question Result, ID, References **Sat, DC.PLASTIC.PLASTICSPECS.R, 192.53 (192.59)**  
Question Text *Do records indicate that plastic pipe is qualified in accordance with §192.59?*  
Assets Covered **90867 (1915)**

Result Notes GSM Section 2.13 specifies the design requirements

Avista provided Stock Item List for PE Pipe

Approved pipe specifications are ASTM D2513 for PE Pipe and Fittings, ASTM F1055 for Electrofusion fittings, and ASTM F1978 for mettalic mechanical fittings for PE pipe

43. Question Result, ID, References Sat, DC.PLASTIC.PLASTICSPECS.O, 192.53 (192.59)  
Question Text *Do field observations confirm the plastic pipe meets the requirements of §192.53 and applicable requirements of this subpart?*  
Assets Covered 90867 (1915)  
Result Notes Pipe in the storage yard meets requirements in 192.53 and is consistent with what we have seen installed in the field
44. Question Result, ID, References Sat, DC.PLASTIC.PLASTICFITTING.R, 192.143(c) (192.149(c))  
Question Text *Do records indicate that plastic components and fittings are able to withstand operating pressures and other anticipated loads in accordance with a listed specification?*  
Assets Covered 90867 (1915)  
Result Notes Reviewed Avista Gas Materials Catalog  
  
Pipe and components are included and comply with various specification
45. Question Result, ID, References Sat, DC.PLASTIC.PLASTICJOINT.R, 192.281(a) (192.281(b), 192.281(c), 192.281(d), 192.281(e))  
Question Text *As applicable to the project, do records indicate that plastic pipe joints are installed in accordance with the requirements §192.281?*  
Assets Covered 90867 (1915)  
Result Notes Reviewed a sample of PE installation  
  
Procedures were followed and construction was in accordance with code requirements
46. Question Result, ID, References NA, DC.PLASTIC.PLASTICJOINT.O, 192.281  
Question Text *As applicable to the project, are plastic pipe joints installed in accordance with the requirements 192.281?*  
Assets Covered 90867 (1915)  
Result Notes No such activity/condition was observed during the inspection.
47. Question Result, ID, References Sat, DC.PLASTIC.PLASTICJOINTPROCEDURE.R, 192.273(b) (192.283(a), 192.283(b), 192.283(c))  
Question Text *Have plastic pipe joining procedures been qualified in accordance with 192.283?*  
Assets Covered 90867 (1915)  
Result Notes Avista has adopted Performance Pipe's procedure for butt fusion (PP-750)  
  
GSM 3.23, 3.24, and 3.25
48. Question Result, ID, References Sat, DC.PLASTIC.PLASTICJOINTQUAL.R, 192.285(d) (192.285(a), 192.285(b), 192.285(c), 192.285(e), 192.807(a), 192.807(b))  
Question Text *Do records indicate persons making joints in plastic pipelines are qualified in accordance with §192.285?*  
Assets Covered 90867 (1915)  
Result Notes Reviewed PE installations and verified that fitters were qualified  
  
Also reviewed all fitter qualification records  
  
Fitters requalified annually for each joining process
49. Question Result, ID, References Sat, DC.PLASTIC.PLASTICJOINTINSP.R, 192.287 (192.807(a), 192.807(b))  
Question Text *Do records indicate persons inspecting the making of plastic pipe joints have been qualified?*  
Assets Covered 90867 (1915)

Result Notes Reviewed PE installations and verified that fitters were qualified

Also reviewed all fitter qualification records

Fitters requalified annually for each joining process

50. Question Result, ID, NA, DC.PLASTIC.PLASTICJOINTINSP.O, 192.287 (192.807(b))  
References

Question Text *Do person(s) inspecting joints in plastic pipelines demonstrate they are qualified to evaluate the acceptability of plastic pipe joints?*

Assets Covered 90867 (1915)

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

51. Question Result, ID, Sat, DC.PLASTIC.INSTALLPLASTIC.R, 192.321(a) (192.321(b), 192.321(c), 192.321(d), 192.321(e),  
References 192.321(f), 192.321(g), 192.321(h), 192.321(i))

Question Text *Do records indicate plastic pipe was installed as required by 192.321?*

Assets Covered 90867 (1915)

Result Notes Reviewed a sample of PE construction records and verified that fitter was qualified

Attestation from foreman stating that procedures and regulations were followed

WO 1027090309

11/15/22

2" PE

Ritzville

Dusty Dershem

Qualified 03/01/22

Davis Critelli

Qualified 03/09/22

Goldendale

WO 1031144684

3/4" PE

4/11/24

Don Williams Qualified 02/01/22

Connell

WO 1026838712

3/23/22

2" PE

Hayden Graham qualified 02/22/22

52. Question Result, ID, NA, DC.PLASTIC.INSTALLPLASTIC.O, 192.321(a) (192.321(b), 192.321(c), 192.321(d), 192.321(e),  
References 192.321(f), 192.321(g), 192.321(h), 192.321(i))

Question Text *Do field observations confirm the plastic pipe is installed as required by 192.321?*

Assets Covered 90867 (1915)

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

53. Question Result, ID, References NA, DC.PLASTIC.PLASTICWEAKLINK.O, 192.329(b) (192.376(b), 192.303)

Question Text *Do field observations confirm plastic lines and plastic service lines are being installed using a "weak link" (as defined by §192.3) to ensure the pipeline will not be damaged by any excessive forces during the pulling process?*

Assets Covered 90867 (1915)

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

54. Question Result, ID, References NA, DC.PLASTIC.BENDPLASTIC.O, 192.313(d) (192.605, 192.603)

Question Text *Do field observations confirm that the correct plastic pipe bend radius is being used in the field during construction?*

Assets Covered 90867 (1915)

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

55. Question Result, ID, References NA, DC.PLASTIC.REPAIRPLASTIC.O, 192.311

Question Text *Do field observations verify imperfections or damage of plastic pipe are repaired or removed?*

Assets Covered 90867 (1915)

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

56. Question Result, ID, References Sat, DC.PLASTIC.PRESSTESTPLASTIC.R, 192.517(b) (192.513(a), 192.513(b), 192.513(c), 192.513(d))

Question Text *Do records indicate that pressure testing is conducted in accordance with 192.513?*

Assets Covered 90867 (1915)

Result Notes Selected a sample of new installations from Avista's GIS

Verified that pressure and duration of test were consistent with code and Avista procedures

57. Question Result, ID, References NA, DC.PLASTIC.PRESSTESTPLASTIC.O, 192.513(a) (192.143(a), 192.513(b), 192.513(c), 192.513(d), 192.143(b), 192.143(c))

Question Text *Do field observations confirm that sections of a plastic pipeline are tested in accordance with the requirements of 192.513?*

Assets Covered 90867 (1915)

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

58. Question Result, ID, References Sat, DC.PLASTIC.PLASTICHANDLING.R, 192.69 (192.59, 192.63(e), 192.321(g)) (also presented in: DC.MO)

Question Text *Do records indicate that the storage and handling of plastic pipe and associated plastic components were in accordance with noted procedures and applicable standards?*

Assets Covered 90867 (1915)

Result Notes Inspected pipe at storage yards in Ritzville and Goldendale

All were within UV exposure limits and all looked to be in good condition

59. Question Result, ID, References Sat, DC.PLASTIC.PLASTICHANDLING.O, 192.69 (192.59, 192.63(e), 192.65, 192.67) (also presented in: DC.MO)

Question Text *Do field observations confirm plastic materials are stored and handled to ensure compliance with operator procedures?*

Assets Covered 90867 (1915)

Result Notes Visted pipe storage yards in Goldendale and Ritzville

Both location had PE pipe properly stored and monitored for UV exposure limits

## EP.ERG: Emergency Response

60. Question Result, ID, References **NA, EP.ERG.INCIDENTANALYSIS.R, 192.605(a) (192.617)**  
 Question Text *Do records indicate actions initiated to analyze accidents and failures, including the collection of appropriate samples for laboratory examination to determine the causes of the failure and minimize the possibility of recurrence, in accordance with its procedures?*  
 Assets Covered **90867 (1915)**  
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
61. Question Result, ID, References **Sat, EP.ERG.TRAINING.R, 192.605(a) (192.615(b)(2))**  
 Question Text *Has the operator trained the appropriate operating personnel on emergency procedures and verified that the training was effective in accordance with its procedures?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Reviewed training records for 2022-2024**  
**Emergency training is a combination of drills and annual refresher training**
62. Question Result, ID, References **NC, EP.ERG.POSTEVNTREVIEW.R, 192.605(a) (192.615(b)(1), 192.615(b)(3))**  
 Question Text *Do records indicate review of employee activities to determine whether the procedures were effectively followed in each emergency?*  
 Assets Covered **90867 (1915)**  
 Result Notes **This question was an NOPV from the Spokane inspection (ID 8986)**  
**Avista is in the process of updating procedures and records**
63. Question Result, ID, References **Sat, EP.ERG.LIAISON.R, 192.603(b) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-2005-03) (also presented in: PD.PA)**  
 Question Text *Do records indicate liaisons established and maintained with appropriate fire, police, other public officials, and 911 emergency call centers in accordance with procedures?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Local reps attend safety events and demos in the community**  
**Reviewed records for Safety event in Lind/Ritzville, Meeting with Goldendale FD and Klickitat County, Events at High School, etc.**

## FS.FG: Facilities General

64. Question Result, ID, References **NA, FS.FG.CASINGTESTLEAD.R,**  
 Question Text *Do records indicate that all casings without vents installed after September 5, 1992 had separate test lead wires installed?*  
 Assets Covered **90867 (1915)**  
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
65. Question Result, ID, References **Sat, FS.FG.CASINGSEALS.R,**  
 Question Text *Do records indicate that mains and service lines installed in casing or conduit are sealed at the ends as required?*  
 Assets Covered **90867 (1915)**  
 Result Notes **No new casings**  
**Conduits are sealed with foam for PE installations**  
**1/2" PE services are occasionally inserted into 3/4" steel, service head adapter is an air tight seal**
66. Question Result, ID, References **Sat, FS.FG.CASING.O,**  
 Question Text *Are all casings bare steel and do they have test leads installed on new casings without vents?*  
 Assets Covered **90867 (1915)**

Result Notes All casings had test leads installed

No new casing in this unit but existing casings are bare steel

See Form R for casing reads

67. Question Result, ID, NA, FS.FG.CASESEAL.O,  
References

Question Text *Does the operator seal both ends of casings/conduits for mains and transmission lines and seal the end nearest the building for service lines?*

Assets Covered 90867 (1915)

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

## MO.GOABNORMAL: Gas Pipeline Abnormal Operations

68. Question Result, ID, NA, MO.GOABNORMAL.ABNORMALREVIEW.R, 192.605(a) (192.605(c)(4))  
References

Question Text *Do records indicate periodic review of work done by operator personnel to determine the effectiveness of the abnormal operation processes and corrective action taken where deficiencies are found?*

Assets Covered 90867 (1915)

Result Notes Not applicable to LDCs

## MO.GOCLASS: Gas Pipeline Class Location

69. Question Result, ID, NA, MO.GOCLASS.CLASSLOCATESTUDY.R, 192.605(b)(1) (192.609(a), 192.609(b), 192.609(c),  
References 192.609(d), 192.609(e), 192.609(f))

Question Text *Do records indicate performance of the required study whenever the population along a pipeline increased or there was an indication that the pipe hoop stress was not commensurate with the present class location?*

Assets Covered 90867 (1915)

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

## MO.GOMAOP: Gas Pipeline MAOP

70. Question Result, ID, Sat, MO.GOMAOP.MAOPDETERMINE.R, 192.619(a) (192.619(b), 192.621(a), 192.621(b), 192.623(a),  
References 192.623(b))

Question Text *Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?*

Assets Covered 90867 (1915)

Result Notes Reviewed pressure test records for two stations installed in the district

Tested at >900 psig for 1 hour

4" HP installed 5/20/2022

Replaced part of pipe as part of uprate

Reviewed record for pressure test

780 psig for 7 hr 56 minutes

Standard requires 4 hours

Pressure is monitored in the control room

## MO.GM: Gas Pipeline Maintenance

71. Question Result, ID, References **Sat, MO.GM.IGNITION.R, 192.709 (192.751(a), 192.751(b), 192.751(c))**  
 Question Text *Do records indicate personnel followed processes for minimizing the danger of accidental ignition where the presence of gas constituted a hazard of fire or explosion?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Gas tailboard forms cover ignition sources, completed by work crews each day**  
  
**GSM Section 3.17 and 4.31 discuss Accidental ignitions**
72. Question Result, ID, References **Sat, MO.GM.DISTVALVEINSPECT.R, 192.603(b) (192.747(a), 192.747(b))**  
 Question Text *Do records indicate proper inspection of each distribution system valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year, and prompt remedial action to correct any valve found inoperable?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Inspections and maintenance performed annually NTE 15 months**  
  
**Reviewed records for 2022-2024**
73. Question Result, ID, References **Sat, MO.GM.DISTVALVEINSPECT.O, 192.747(a) (192.747(b))**  
 Question Text *Is proper inspection being performed for each distribution system valve that might be required in an emergency, and prompt remedial action to correct any valves found inoperable?*  
 Assets Covered **90867 (1915)**  
 Result Notes **All valves inspected were locatable and operable**  
  
**See Form R**
74. Question Result, ID, References **Sat, MO.GM.EQUIPPLASTICJOINT.R, 192.603(b) (192.756) (also presented in: DC.PLASTIC)**  
 Question Text *Do records indicate equipment used in joining plastic pipe by heat fusion was maintained in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?*  
 Assets Covered **90867 (1915)**  
 Result Notes **GSM 3.23**  
  
**Heating Tool**  
  
**Pg 3**  
  
**Periodically check using ice water**  
  
**Infrared Temp Gun**  
  
**Milwaukee 2267-20**  
  
**No specifics on calibration**
75. Question Result, ID, References **NA, MO.GM.EQUIPPLASTICJOINT.O, 192.756 (also presented in: DC.PLASTIC)**  
 Question Text *Is proper maintenance being performed on equipment used in joining plastic pipe by heat fusion in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?*  
 Assets Covered **90867 (1915)**  
 Result Notes **No such activity/condition was observed during the inspection.**
76. Question Result, ID, References **NA, MO.GM.MOVEANDLOWER.R,**  
 Question Text *Do records indicate that a study was prepared before moving or lowering a steel gas pipeline as required?*  
 Assets Covered **90867 (1915)**  
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

77. Question Result, ID, NA, MO.GM.MOVEANDLOWERSURVEY.R,  
References  
Question Text *Do records indicate that a leak survey was conducted not more than thirty days after moving and/or lowering a metallic pipeline?*  
Assets Covered 90867 (1915)  
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

78. Question Result, ID, Sat, MO.GM.ONSITEPROCS.O,  
References  
Question Text *Are procedures applicable to the work being done located onsite where the work is being done?*  
Assets Covered 90867 (1915)  
Result Notes All personnel had access to procedures on laptop/phone

## MO.GOODOR: Gas Pipeline Odorization

79. Question Result, ID, Sat, MO.GOODOR.ODORIZE.R, 192.709(c) (192.625(a), 192.625(b), 192.625(c), 192.625(d),  
References 192.625(e), 192.625(f))  
Question Text *Do records indicate appropriate odorization of its combustible gases in accordance with its processes and conduct of the required testing to verify odorant levels met requirements?*  
Assets Covered 90867 (1915)  
Result Notes Odorant testing completed monthly  
  
Reviewed records for 2022-2024  
  
No reads greater than 0.8% gas-in-air

80. Question Result, ID, Sat, MO.GOODOR.ODORIZE.O, 192.625(a) (192.625(c), 192.625(d), 192.625(e), 192.625(f))  
References  
Question Text *Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?*  
Assets Covered 90867 (1915)  
Result Notes All odorant reads were <1/5 LEL  
  
See Form R

## MO.GO: Gas Pipeline Operations

81. Question Result, ID, Sat, MO.GO.CONTSURVEILLANCE.R, 192.605(b)(3) (192.613(a), 192.613(b), 192.703(b), 192.703(c))  
References (also presented in: PD.RW)  
Question Text *Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed?*  
Assets Covered 90867 (1915)  
Result Notes Reviewed leak survey and patrolling records for 2022-2024  
  
No concerns

82. Question Result, ID, Sat, MO.GO.CONTSURVEILLANCE.O, 192.605(b)(3) (192.613(b), 192.703(a), 192.703(b), 192.703(c))  
References (also presented in: PD.RW)  
Question Text *Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?*  
Assets Covered 90867 (1915)  
Result Notes No unsatisfactory conditions found in the field but Avista addresses them as they are found during continuing surveillance activities

83. Question Result, ID, NA, MO.GO.PURGE.O, 192.629(a) (192.629(b))  
References  
Question Text *Are lines being purged in accordance with 192.629?*  
Assets Covered 90867 (1915)

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

84. Question Result, ID, References Sat, MO.GO.OMANNUALREVIEW.R, 192.605(a)

Question Text *Have annual reviews of the written procedures or processes in the manual been conducted as required?*

Assets Covered 90867 (1915)

Result Notes Manual is currently up-to-date

Last revision was published 1/1/25

Revisions implemented every year on January 1

Reviewed revision log

85. Question Result, ID, References Sat, MO.GO.OMEFFECTREVIEW.R, 192.605(a) (192.605(b)(8))

Question Text *Do records indicate periodic review of the work done by operator personnel to determine the effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found?*

Assets Covered 90867 (1915)

Result Notes GSM 4.61 details QA/QC process

Quality Assurance Audit Form

Audits completed by Sunrise Engineering

Audit checklist has section for were procedures effective and followed

Reviewed a sample of audit forms and completion spreadsheet

86. Question Result, ID, References Sat, MO.GO.OMHISTORY.R, 192.605(a) (192.605(b)(3))

Question Text *Are construction records, maps and operating history available to appropriate operating personnel?*

Assets Covered 90867 (1915)

Result Notes Verified in the field

All personnel have access to procedures, records, maps, etc. from laptop

87. Question Result, ID, References Sat, MO.GO.CUSTNOTIFY.R, 192.16(d) (192.16(a), 192.16(b), 192.16(c))

Question Text *Do records indicate the customer notification process satisfies the requirements of 192.16?*

Assets Covered 90867 (1915)

Result Notes New customers receive information within 90 days of starting service

Includes Form N-2645 which has information about customer owned buried piping

88. Question Result, ID, References Sat, MO.GO.ODDOR.P, 192.605(a) (192.605(b)(11))

Question Text *Does the process require prompt response to the report of a gas odor inside or near a building?*

Assets Covered 90867 (1915)

Result Notes GESH Section 1

## MO.GMOPP: Gas Pipeline Overpressure Protection

89. Question Result, ID, References Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))

Question Text *Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required?*

Assets Covered 90867 (1915)

Result Notes Capacity review spreadsheet provided by Avista

Review completed annually NTE 15 months

Reviewed records for 2022-2024

90. Question Result, ID, References Sat, MO.GMOPP.PRESSREGTEST.R, 192.709(c) (192.739(a), 192.739(b))

Question Text *Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations?*

Assets Covered 90867 (1915)

Result Notes Inspections completed annually NTE 15 months

Checked records for 2022-2024

No concerns

For station where the interstate operator has pressure regulation, Avista receives and reviews records annually

91. Question Result, ID, References Sat, MO.GMOPP.PRESSREGTEST.O, 192.739(a) (192.739(b))

Question Text *Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?*

Assets Covered 90867 (1915)

Result Notes All stations were found to be in good condition and operating pressure was within design limitations

See Form R

92. Question Result, ID, References NA, MO.GMOPP.PRESSREGMETER.O, 192.741(a) (192.741(b), 192.741(c))

Question Text *Are telemetering or recording gauges properly utilized as required for distribution systems?*

Assets Covered 90867 (1915)

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

93. Question Result, ID, References NA, MO.GMOPP.MULTIPRESSREG.O,

Question Text *Are regulator stations installed in a manner to provide protection between regulator stages?*

Assets Covered 90867 (1915)

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

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

94. Question Result, ID, References Sat, MO.RW.BUSINESSDIST.R, 192.723(b)(1) (192.721(b)(1), 192.723(a), 192.613)

Question Text *Do the records clearly identify the areas of operator's distribution system that are considered Business Districts?*

Assets Covered 90867 (1915)

Result Notes Reviewed maps of annual survey areas

This included business districts and HOS

95. Question Result, ID, References Sat, MO.RW.BUSINESSDIST.O, 192.723(b)(1) (192.721(b)(1), 192.723(a), 192.613)

Question Text *Do field observations indicate Business Districts are properly identified?*

Assets Covered 90867 (1915)

Result Notes Field observations of business districts were consistent with Avista definitions and maps

96. Question Result, ID, References Sat, MO.RW.DISTPATROL.R, 192.603(b) (192.721(a), 192.721(b))

Question Text *Do records indicate distribution patrolling was conducted as required?*

Assets Covered 90867 (1915)

Result Notes Inspected records for 2022-2024

Bridge patrols completed 4x per year NTE 4.5 months

97. Question Result, ID, References Sat, MO.RW.DISTPATROLLEAKAGE.R, 192.603(b) (192.723(a), 192.723(b))

Question Text *Do records indicate distribution leakage surveys were conducted as required?*

Assets Covered 90867 (1915)

Result Notes Spot checked annual and 5-year surveys throughout the district

All were completed within the required timeframe

98. Question Result, ID, References Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)

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

Assets Covered 90867 (1915)

Result Notes Markers were placed as required

99. Question Result, ID, References Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)

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

Assets Covered 90867 (1915)

Result Notes Markers were placed as required

All markers were legible and in good condition

100. Question Result, ID, References NA, MO.RW.CASINGLEAKSURVEY.R, (also presented in: PD.RW)

Question Text *Do records indicate shorted casings were leak surveyed as required?*

Assets Covered 90867 (1915)

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

101. Question Result, ID, References Sat, MO.RW.LEAKFOLLOW.R, (also presented in: PD.RW)

Question Text *Do records indicate that a follow-up inspection was performed not more than thirty days following a repair where residual gas remained in the ground?*

Assets Covered 90867 (1915)

Result Notes All residual gas leak were followed up within 30 days

102. Question Result, ID, References NA, MO.RW.DOWNGRADELEAKREPAIR.R, (also presented in: PD.RW)

Question Text *Do records indicate that leaks that have been downgraded are repaired within twenty-one months?*

Assets Covered 90867 (1915)

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

103. Question Result, ID, References Sat, MO.RW.LEAKREPAIRTIME.R, (also presented in: PD.RW)

Question Text *Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601?*

Assets Covered 90867 (1915)

Result Notes Reviewed a sample of leak repair records

All repairs completed within WAC required timeframes

Leak #22116362

Leak found in Stevenson during leak survey 5/26/22, repaired 6/4/22, Grade 2 leak

Leak #24110042

Grade 1

found 5/8/24 repaired 5/8/24

Leak #24114970

Warden

Found 5/7/24

Sewer gas

Checked with Ethane detector

Leak 23116463

Goldendale

Found 5/26/23

Grade 3, 0.33% gas

Monitor, no repair yet, visited annually NTE 15 months 08/2024

Leak 24110013

Found 5/7/24

Grade 1, 100% at tee

Repaired 5/9/24

Failed dresser fitting

104. Question Result, ID, References **Sat, MO.RW.LEAKRECORDS.R**, (also presented in: PD.RW)

Question Text *Have gas leak records been prepared and maintained as required?*

Assets Covered **90867 (1915)**

Result Notes **Reviewed a sample of leak records**

**Leak records/GIS contained all required information**

105. Question Result, ID, References **Sat, MO.RW.MARKERSURVEY.R**, (also presented in: PD.RW)

Question Text *Do records indicate that pipeline marker surveys were completed in the timeframe specified by WAC 480-93-124?*

Assets Covered **90867 (1915)**

Result Notes **Goldendale 6/13/22 last completed 10/30/17**

**Stevenson completed 6/14/22 last completed 10/31/17**

**Ritzville and surrounding areas not due in this inspection timeframe, last completed 2021**

106. Question Result, ID, References **Sat, MO.RW.MARKERREPLACE.R**, (also presented in: PD.RW)

Question Text *Do records indicate that damaged or missing markers were replaced within forty-five days of discovery?*

Assets Covered **90867 (1915)**

Result Notes Reviewed 5-year marker surveys

Replacements indicated on survey

Completed within 45 days

107. Question Result, ID, References Sat, MO.RW.MARKERSMAPSDRAW.R, (also presented in: PD.RW)

Question Text *Are records sufficient to indicate class location and other areas where pipeline markers are required?*

Assets Covered 90867 (1915)

Result Notes Reviewed maps during the inspection and it seemed clear where markers were necessary

Markers were placed at all required locations

## MO.GOUPRATE: Uprating

108. Question Result, ID, References Sat, MO.GOUPRATE.MAOPINCREASE.R, 192.553(a) (192.553(b), 192.553(c))

Question Text *Do records indicate that increases in MAOP of pipeline were determined in accordance with 192.553?*

Assets Covered 90867 (1915)

Result Notes Uprate in Warden in 2022

Inspection 8485

Pressure increased in 4 steps with leak survey completed at each increment

The uprate was from 150 psig to 250 psig

Commission staff completed inspection at that time with no concerns

109. Question Result, ID, References Sat, MO.GOUPRATE.MAOPINCREASELIMIT.R, 192.553(b) (192.553(c), 192.553(d), 192.557(a))

Question Text *Do records indicate that increases in MAOP are limited in accordance with 192.619 and 192.621?*

Assets Covered 90867 (1915)

Result Notes Uprate in Warden in 2022

Inspection 8485

Pressure increased in 4 steps with leak survey completed at each increment

The uprate was from 150 psig to 250 psig

Commission staff completed inspection at that time with no concerns

110. Question Result, ID, References Sat, MO.GOUPRATE.MAOPINCREASEPREP.R, 192.553(b) (192.553(c), 192.553(a), 192.557(b), 192.557(c))

Question Text *Do records indicate that increases in MAOP were preceded by the actions specified in 192.557?*

Assets Covered 90867 (1915)

Result Notes Uprate in Warden in 2022

Inspection 8485

Pressure increased in 4 steps with leak survey completed at each increment

The uprate was from 150 psig to 250 psig

Commission staff completed inspection at that time with no concerns

## PD.DP: Damage Prevention

111. Question Result, ID, References **Sat, PD.DP.EXCAVATEMARK.R, 192.614(c)(5)**  
Question Text *Do records indicate that marking proposed excavation sites was completed within two business days and in accordance with RCW 19.122?*  
Assets Covered **90867 (1915)**  
Result Notes **Avista provides incentives and penalties to the locating contractor for on time and late locates, respectively**  
  
**ELM was around 96-97% in prior years but since implementing incentive program, they are closer to ~99% on time**  
  
**2022 was 99.19% on time, 2023 was 100% and 2024 was 99.94% on time for Ritzville district**
112. Question Result, ID, References **NA, PD.DP.ONECALL.O, 192.614(c)(3)**  
Question Text *Observe operator process a "One Call" ticket.*  
Assets Covered **90867 (1915)**  
Result Notes **No such activity/condition was observed during the inspection.**
113. Question Result, ID, References **Sat, PD.DP.PDPROGRAM.R, 192.614(c)**  
Question Text *Does the damage prevention program meet minimum requirements specified in 192.614(c)?*  
Assets Covered **90867 (1915)**  
Result Notes **GSM 4.13 is Avista's Damage Prevention Program**  
  
**This section cover all elements of 192.614(c)**

## PD.PA: Public Awareness

114. Question Result, ID, References **Sat, PD.PA.LANGUAGE.R, 192.616(g) (API RP 1162 Section 2.3.1)**  
Question Text *Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?*  
Assets Covered **90867 (1915)**  
Result Notes **Viewed brochures and PA program that specifies materials will be presented in English and Spanish**  
  
**Brochure has information on how to get more info in Russian and Spanish**
115. Question Result, ID, References **Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4)**  
Question Text *Do records indicate program effectiveness evaluation(s) have been performed and cover all program requirements and all systems covered by the program?*  
Assets Covered **90867 (1915)**  
Result Notes **4-year effectiveness evaluation completed in 2021**  
  
**Reviewed key findings and strategic recommendations**  
  
**Evaluation being completed this year but not yet complete**
116. Question Result, ID, References **NA, PD.PA.MSTRMETER.R, 192.616(j) (192.616(h), API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)**  
Question Text *Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?*  
Assets Covered **90867 (1915)**  
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

## RPT.RR: Regulatory Reporting (Traditional)

117. Question Result, ID, References **Sat, RPT.RR.ANNUALREPORT.R, 191.11(a)**  
 Question Text *Have complete and accurate Annual Reports been submitted?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Reviewed annual reports from 2022-2024**
- All were submitted by March 15th**
118. Question Result, ID, References **Sat, RPT.RR.IMMEDREPORT.R, 191.5(a) (191.7(a), 191.7(d))**  
 Question Text *Do records indicate immediate notifications of incidents were made in accordance with 191.5?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Two state reportable incidents and 0 federal incidents between 2022 and 2024**
119. Question Result, ID, References **NA, RPT.RR.INCIDENTREPORT.R, 191.9(a)**  
 Question Text *Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.1 within the required time frame?*  
 Assets Covered **90867 (1915)**  
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
120. Question Result, ID, References **NA, RPT.RR.INCIDENTREPORTSUPP.R, 191.9(b)**  
 Question Text *Do records indicate accurate supplemental incident reports were filed and within the required timeframe?*  
 Assets Covered **90867 (1915)**  
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
121. Question Result, ID, References **NA, RPT.RR.SRCR.R, 191.23(a) (191.23(b), 191.25(a), 191.25(c))**  
 Question Text *Do records indicate safety-related condition reports were filed as required?*  
 Assets Covered **90867 (1915)**  
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
122. Question Result, ID, References **Sat, RPT.RR.OPID.R, 191.22(a) (191.22(c), 191.22(d))**  
 Question Text *Do records indicate appropriate control of Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/uprate, and the National Registry of Pipeline and LNG Operators has been notified of applicable changes?*  
 Assets Covered **90867 (1915)**  
 Result Notes **OPID 31232**
- No changes in entity, acquisition/divestiture, etc.**
123. Question Result, ID, References **Sat, RPT.RR.UTCANNUALREPORTS.R,**  
 Question Text *Have complete and accurate annual reports been submitted to the commission?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Reviewed annual reports from 2022-2024**
- All were submitted by March 15th**
124. Question Result, ID, References **Sat, RPT.RR.MISDATAREPORTS.R,**  
 Question Text *Has the operator submitted a copy of DOT Drug and Alcohol Testing MIS Data Collection Form to the commission when required?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Reviewed MIS reports from 2022-2024**
- All were submitted by March 15th**

125. Question Result, ID, References **Sat, RPT.RR.MAOPINCREASENOTIFY.R,**  
 Question Text *Do records indicate submittal of a written plan of procedures to the commission at least forty-five days before uprating to a MAOP greater than 60 psig?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Uprate in Warden in 2022**
- Notice sent to UTC on Dec 29, 2021**
- Uprate project began in March 2022**
126. Question Result, ID, References **Sat, RPT.RR.THIRTYDAYRPT.R,**  
 Question Text *Has the operator submitted a written report within 30 days following each reportable incident?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Two state reportable incidents**
- Both had 30-day reports submitted within 30 days**
127. Question Result, ID, References **Sat, RPT.RR.DAILYCONSTRUCTIONRPT.R,**  
 Question Text *Do records indicate daily construction and repair activities were emailed to the commission no later than 10 AM each day work is scheduled?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Spot checked daily construction emails**
- All were sent in by 10 AM**
128. Question Result, ID, References **Sat, RPT.RR.PIPELINEMAPPING.R,**  
 Question Text *Has the operator provided accurate maps (or updates) of all pipelines operating over 250 psig to specifications developed by the commission sufficient to meet the needs of first responders?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Submitted annually to UTC**
- Last submission was 2/25/25**

## **TD.ATM: Atmospheric Corrosion**

129. Question Result, ID, References **Sat, TD.ATM.ATMCORRODE.R, 192.491(c) (192.479(a), 192.479(b), 192.479(c))**  
 Question Text *Do records document the protection of above ground pipe from atmospheric corrosion?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Reviewed atmospheric corrosion repair records**
- All corrosion found was repaired and recoated**
130. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINSR.R, 192.491(c) (192.481(a), 192.481(b), 192.481(c), 192.481(d))**  
 Question Text *Do records document inspection of aboveground pipe for atmospheric corrosion?*  
 Assets Covered **90867 (1915)**  
 Result Notes **Spot checked various addresses. All met 3/5 year requirement**
- 527 N Vancouver Ave, Stevenson**
- 5/22/2019 and 4/14/2022**
- 1600 W 1st St, Warden**

4/16/24 and 3/29/21

2088 N CFI Ln, Ritzville

4/13/22 and 5/9/19

131. Question Result, ID, Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c),  
References 192.481(d))

Question Text *Do field observations indicate that pipe exposed to atmospheric corrosion is properly coated?*

Assets Covered 90867 (1915)

Result Notes All stations and bridge crossings were in good condition

## TD.CPMONITOR: External Corrosion - CP Monitoring

132. Question Result, ID, Sat, TD.CPMONITOR.MONITORCRITERIA.R, 192.491(c) (192.463(a))  
References

Question Text *Do records document that the CP monitoring criteria used was acceptable?*

Assets Covered 90867 (1915)

Result Notes Reviewed all annual CP inspection and 10 year reads

Completed annually NTE 15 months

OFF reads >-850 mV had native reads to verify that 100 mV shift had been met

133. Question Result, ID, Sat, TD.CPMONITOR.MONITORCRITERIA.O, 192.465(a) (192.463(b), 192.463(c), 192.463(a))  
References

Question Text *Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?*

Assets Covered 90867 (1915)

Result Notes Performed CP reads and casing reads at multiple locations throughout the inspection

Any reads that were greater than -850 mV had a depol read to show that there is >100 mV shift

See Form R for details

134. Question Result, ID, Sat, TD.CPMONITOR.TEST.R, 192.491(c) (192.465(a))  
References

Question Text *Do records adequately document cathodic protection monitoring tests have occurred as required?*

Assets Covered 90867 (1915)

Result Notes Reviewed all annual CP inspection and 10 year reads

Completed annually NTE 15 months

OFF reads >-850 mV had native reads to verify that 100 mV shift had been met

135. Question Result, ID, Sat, TD.CPMONITOR.CURRENTTEST.R, 192.491(c) (192.465(b))  
References

Question Text *Do records document details of electrical checks of sources of rectifiers or other impressed current sources?*

Assets Covered 90867 (1915)

Result Notes Reviewed rectifier maintenance records for 2022-2024

All were completed 6 times per year NTE 2.5 months

136. Question Result, ID, Sat, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)  
References

Question Text *Do field observations confirm impressed current sources are properly maintained and are functioning properly?*

Assets Covered 90867 (1915)

Result Notes All rectifiers were operating as intended and were well maintained

See Form R

137. Question Result, ID, References Sat, TD.CPMONITOR.REVCURRENTTEST.R, 192.491(c) (192.465(c))

Question Text *Do records document details of electrical checks interference bonds, diodes, and reverse current switches?*

Assets Covered 90867 (1915)

Result Notes 4 bonds to foreign pipe

All are checked 6x per year NTE 2.5 months

Reviewed records for 2022-2024

138. Question Result, ID, References Sat, TD.CPMONITOR.REVCURRENTTEST.O, 192.465(c)

Question Text *Are interference bonds, diodes, and reverse current switches properly maintained and are they functioning properly?*

Assets Covered 90867 (1915)

Result Notes Bond locations checked bimonthly visited 2 locations in the district

See Form R

139. Question Result, ID, References Sat, TD.CPMONITOR.DEFICIENCY.R, 192.491(c) (192.465(d))

Question Text *Do records adequately document actions taken to correct any identified deficiencies in corrosion control?*

Assets Covered 90867 (1915)

Result Notes Reviewed coating repairs and exposed pipe reports

All were repaired in a timely manner

No CP deficiencies

140. Question Result, ID, References Sat, TD.CPMONITOR.TESTSTATION.R, 192.469

Question Text *Do records identify the location of test stations and show a sufficient number of test stations?*

Assets Covered 90867 (1915)

Result Notes Reviewed maps/GIS to check location of CP equipment

141. Question Result, ID, References Sat, TD.CPMONITOR.TESTSTATION.O, 192.469

Question Text *Do cathodically protected pipelines have a sufficient number of test stations?*

Assets Covered 90867 (1915)

Result Notes Number of test stations in the district seems sufficient

All reads met -850 mV or 100 mV shift criteria

142. Question Result, ID, References Sat, TD.CPMONITOR.TESTLEAD.R, 192.491(c) (192.471(a), 192.471(b), 192.471(c))

Question Text *Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?*

Assets Covered 90867 (1915)

Result Notes One steel job where test leads were installed for 3" fink test station

Crew attested that all company standards were followed

GSM 3.12

143. Question Result, ID, References Sat, TD.CPMONITOR.TESTLEAD.O, 192.471(a)

Question Text *Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?*

Assets Covered 90867 (1915)

Result Notes Test leads were well maintained and provided good reads

144. Question Result, ID, References Sat, TD.CP.MONITOR.INTFRCURRENT.R, 192.491(c) (192.473(a))

Question Text *Do records document an effective program is in place to minimize detrimental effects of interference currents and that detrimental effects of interference currents from CP systems on other underground metallic structures are minimized?*

Assets Covered 90867 (1915)

Result Notes There are no active AC mitigation design projects for this district. Avista aims to keep pipeline voltage below 15 volts AC, in accordance with NACE SP0177. CP techs periodically check AC voltage throughout the system

145. Question Result, ID, References NA, TD.CP.MONITOR.INTFRCURRENT.O, 192.473(a)

Question Text *Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?*

Assets Covered 90867 (1915)

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

## TD.CP: External Corrosion - Cathodic Protection

146. Question Result, ID, References Sat, TD.CP.POST1971.R, 192.491(c) (192.455(a), 192.457(a), 192.452(a), 192.452(b), 192.455(f), 192.455(g))

Question Text *Do records document that each buried or submerged pipeline installed after July 31, 1971, has been protected against external corrosion with a cathodic protection system within 1 year after completion of construction, conversion to service, or becoming jurisdictional onshore gathering?*

Assets Covered 90867 (1915)

Result Notes Reviewed new install records and verified adequate CP in the field

Checked annual CP records for 2022-2024

147. Question Result, ID, References NA, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))

Question Text *Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?*

Assets Covered 90867 (1915)

Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

148. Question Result, ID, References Sat, TD.CP.ELECISOLATE.R, 192.491(c) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))

Question Text *Do records adequately document 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?*

Assets Covered 90867 (1915)

Result Notes Reviewed annual casing inspection

Isolation good on all casings, >100 mV between pipe and casing

Inspected annually NTE 15 months

Reviewed records for 2022-2024

149. Question Result, ID, References Sat, TD.CP.ELECISOLATE.O, 192.467(a) (192.467(b), 192.467(c), 192.467(d), 192.467(e))

Question Text *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?*

Assets Covered 90867 (1915)

Result Notes Casing inspections and bond inspections performed during audit

Isolation was good in all instances

150. Question Result, ID, References Sat, TD.CP.ELECISOLATETEST.R, 192.491(c) (192.467(d))

Question Text *Do records adequately document the inspection and electrical testing performed to ensure that electrical isolation is adequate?*

Assets Covered 90867 (1915)

Result Notes Reviewed annual casing inspection

Isolation good on all casings, >100 mV between pipe and casing

Inspected annually NTE 15 months

Reviewed records for 2022-2024

151. Question Result, ID, References Sat, TD.CP.ELECISOLATETEST.O, 192.467(d)

Question Text *Do field observations verify that inspection and electrical testing ensured that electrical isolation is adequate?*

Assets Covered 90867 (1915)

Result Notes Casing inspections and bond inspections performed during audit

Isolation was good in all instances

152. Question Result, ID, References Sat, TD.CP.CASINGINSPECT.R,

Question Text *Do records indicate that annual casing inspections have been performed to ensure electrical isolation from the pipeline?*

Assets Covered 90867 (1915)

Result Notes Reviewed annual casing inspection

Isolation good on all casings, >100 mV between pipe and casing

Inspected annually NTE 15 months

Reviewed records for 2022-2024

153. Question Result, ID, References Sat, TD.CP.CASINGINSPECT.O,

Question Text *Are casings electrically isolated from the pipeline?*

Assets Covered 90867 (1915)

Result Notes Casing inspections performed during audit

Isolation was good in all instances

See Form R

154. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a) (192.491(b), 192.491(c)) (also presented in: TD.CPMONITOR, TD.CPEXPOSED)

Question Text *Do records indicate the location of all corrosion control items listed in §192.491(a)?*

Assets Covered 90867 (1915)

Result Notes Verified that all corrosion facilities are mapped

Checked rectifiers, test points, etc.

## TD.COAT: External Corrosion - Coatings

155. Question Result, ID, References **Sat, TD.COAT.NEWPIPE.R, 192.491(c) (192.455(a), 192.461(a), 192.461(b), 192.483(a))**  
Question Text *Do records document that each buried or submerged pipeline installed after July 31, 1971 has been externally coated with a suitable coating material?*  
Assets Covered **90867 (1915)**  
Result Notes **Reviewed records for new construction**

Coating type listed on records

156. Question Result, ID, References **NA, TD.COAT.NEWPIPEINSTALL.O, 192.461(d)**  
Question Text *Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?*  
Assets Covered **90867 (1915)**  
Result Notes **No such activity/condition was observed during the inspection.**

## **TD.CPEXPOSED: External Corrosion - Exposed Pipe**

157. Question Result, ID, References **Sat, TD.CPEXPOSED.EXPOSEINSPECT.R, 192.491(c) (192.459)**  
Question Text *Do records adequately document that exposed buried piping was examined for corrosion?*  
Assets Covered **90867 (1915)**  
Result Notes **Reviewed all exposed pipe condition reports**

Repairs made and CP checked when coating removed

158. Question Result, ID, References **NA, TD.CPEXPOSED.EXPOSEINSPECT.O, 192.459**  
Question Text *Is exposed buried piping examined for corrosion and deteriorated coating?*  
Assets Covered **90867 (1915)**  
Result Notes **No such activity/condition was observed during the inspection.**

159. Question Result, ID, References **Sat, TD.CPEXPOSED.EXTCORRODEEVAL.R, 192.491(c) (192.487, 192.489)**  
Question Text *Do records adequately document the evaluation of externally corroded pipe?*  
Assets Covered **90867 (1915)**  
Result Notes **Reviewed exposed pipe reports with corrosion found**

All were assessed and repaired

160. Question Result, ID, References **NA, TD.CPEXPOSED.EXTCORRODEEVAL.O, 192.487 (192.489)**  
Question Text *Do field observations verify that externally corroded pipe was adequately evaluated?*  
Assets Covered **90867 (1915)**  
Result Notes **No such activity/condition was observed during the inspection.**

161. Question Result, ID, References **NA, TD.CPEXPOSED.EXTCORRODREPAIR.R, 192.491(c) (192.487, 192.489)**  
Question Text *Do records document the repair or replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining pipe wall strength?*  
Assets Covered **90867 (1915)**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

162. Question Result, ID, References **NA, TD.CPEXPOSED.EXTCORRODREPAIR.O, 192.487 (192.489)**  
Question Text *Do records document the repair or replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining pipe wall strength?*  
Assets Covered **90867 (1915)**  
Result Notes **No such activity/condition was observed during the inspection.**

## TD.ICP: Internal Corrosion - Preventive Measures

163. Question Result, ID, References **NA, TD.ICP.CORRGAS.R, 192.491(c) (192.475(a))**  
Question Text *Do the records demonstrate that the corrosive effect of the gas in the pipeline has been investigated and if determined to be corrosive, steps be taken to minimize internal corrosion?*  
Assets Covered **90867 (1915)**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
164. Question Result, ID, References **NA, TD.ICP.CORRGASPRVNT.O, 192.475(a)**  
Question Text *If the transportation of corrosive gas is not allowed, is the transportation of corrosive gas prevented?*  
Assets Covered **90867 (1915)**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
165. Question Result, ID, References **NA, TD.ICP.CORRGASACTION.R, 192.491(c) (192.477)**  
Question Text *Do records document the actions taken when corrosive gas is being transported by pipeline?*  
Assets Covered **90867 (1915)**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
166. Question Result, ID, References **NA, TD.ICP.CORRGASACTION.O, 192.477**  
Question Text *Are adequate actions taken when corrosive gas is being transported by pipeline?*  
Assets Covered **90867 (1915)**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
167. Question Result, ID, References **Sat, TD.ICP.EXAMINE.R, 192.491(c) (192.475(a), 192.475(b))**  
Question Text *Do records document examination of removed pipe for evidence of internal corrosion?*  
Assets Covered **90867 (1915)**  
Result Notes **Avista provided record of all cutout with internal inspection**  
  
**No record of any significant corrosion found**  
  
**Reviewed records for 2022-2024**
168. Question Result, ID, References **NA, TD.ICP.EVALUATE.R, 192.491(c) (192.487)**  
Question Text *Do records document adequate evaluation of internally corroded pipe?*  
Assets Covered **90867 (1915)**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
169. Question Result, ID, References **NA, TD.ICP.REPAIRINT.R, 192.491(c) (192.487, 192.489)**  
Question Text *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?*  
Assets Covered **90867 (1915)**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
170. Question Result, ID, References **NA, TD.ICP.REPAIRINT.O, 192.487 (192.489)**  
Question Text *Do field observations confirm repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?*  
Assets Covered **90867 (1915)**  
Result Notes **No such activity/condition was observed during the inspection.**

## TQ.PROT9: OQ Protocol 9

171. Question Result, ID, References **NA, TQ.PROT9.CORRECTION.O, 192.801(a) (192.809(a))**

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

Assets Covered 90867 (1915)

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

172. Question Result, ID, References Sat, TQ.PROT9.TASKPERFORMANCE.O, 192.801(a) (192.809(a))

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

Assets Covered 90867 (1915)

Result Notes All filed personnel were qualified for the tasks they performed

Verified prior to the inspection

OQs attached

173. Question Result, ID, References Sat, TQ.PROT9.QUALIFICATIONSTATUS.O, 192.801(a) (192.809(a))

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

Assets Covered 90867 (1915)

Result Notes All filed personnel were qualified for the tasks they performed

Verified prior to the inspection

OQs attached

174. Question Result, ID, References Sat, TQ.PROT9.AOCRECOG.O, 192.801(a) (192.809(a))

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

Assets Covered 90867 (1915)

Result Notes All personnel were cognizant of AOCs and were able to respond appropriately

175. Question Result, ID, References Sat, TQ.PROT9.VERIFYQUAL.O, 192.801(a) (192.809(a))

Question Text *Observe in the field (job site, local office, etc.) that the foreman/supervisor/manager has verified the qualification of the individual performing the task, that the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.*

Assets Covered 90867 (1915)

Result Notes All filed personnel were qualified for the tasks they performed

Verified prior to the inspection

OQs attached

## TQ.OQ: Operator Qualification

176. Question Result, ID, References Sat, TQ.OQ.OQPLAN.O, 192.805(h)

Question Text *Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?*

Assets Covered 90867 (1915)

Result Notes All personnel were very knowledgeable in their area of expertise and had adequate skills and abilities to perform their tasks

177. Question Result, ID, References Sat, TQ.OQ.RECORDS.R, 192.807

Question Text *Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?*

Assets Covered 90867 (1915)

Result Notes Spot checked OQs for various individuals

These include bridge inspectors, fitters, CP technicians, pressure control men, odorant testers, etc.

All were qualified for the tasks they performed

178. Question Result, ID, References Sat, TQ.OQ.TRAINING.R, 192.807(a) (192.807(b))

Question Text *Does the operator have records for initial qualification, retraining and reevaluation of individuals performing covered tasks?*

Assets Covered 90867 (1915)

Result Notes Spot checked OQs for various individuals

These include bridge inspectors, fitters, CP technicians, pressure control men, odorant testers, etc.

All were qualified for the tasks they performed

179. Question Result, ID, References Sat, TQ.OQ.OQCONTRACTOR.R, 192.807(a) (192.807(b))

Question Text *Are adequate records containing the required elements maintained for contractor personnel?*

Assets Covered 90867 (1915)

Result Notes Reviewed OQs for Avista and contractors

Contractors include Michels, Infrasource, Curry Inc., NPL, etc.

180. Question Result, ID, References Sat, TQ.OQ.ABNORMAL.R, 192.807(a) (192.807(b), 192.803)

Question Text *Do records document evaluation of qualified individuals for recognition and reaction to AOCs?*

Assets Covered 90867 (1915)

Result Notes Personnel have generic AOC task and each task has specific AOCs

181. Question Result, ID, References Sat, TQ.OQ.ABNORMAL.O, 192.803

Question Text *Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions?*

Assets Covered 90867 (1915)

Result Notes All personnel were cognizant of AOCs and were able to respond appropriately

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

182. Question Result, ID, References Sat, TQ.QU.CORROSION.R, 192.453 (192.807(a), 192.807(b))

Question Text *Do records indicate qualification of personnel implementing pipeline corrosion control methods?*

Assets Covered 90867 (1915)

Result Notes Reviewed NACE certs for technicians covering this area

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

183. Question Result, ID, References Sat, TQ.QUOMCONST.WELDER.R, 192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), 192.229(d), 192.328(a), 192.328(b), 192.807(a), 192.807(b))

Question Text *Do records indicate adequate qualification of welders?*

Assets Covered 90867 (1915)

Result Notes Welders are re-qualified every 6 months

Reviewed welder qualification binder during Spokane audit which are the same welders in this district

184. Question Result, ID, References NA, TQ.QUOMCONST.NDT.R, 192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))

Question Text *Do records indicate the qualification of nondestructive testing personnel?*

Assets Covered 90867 (1915)

Result Notes No such requirement existed in the scope of inspection review.

185. Question Result, ID, Sat, TQ.QUOMCONST.PLASTIC.R, 192.285(a) (192.285(d), 192.287, 192.807(a), 192.807(b),  
References 192.285(c)) (also presented in: DC.PLASTIC)

Question Text *Do records indicate adequate qualification of personnel making/inspecting joints in plastic pipelines?*

Assets Covered 90867 (1915)

Result Notes Reviewed a sample of PE construction records and verified that fitter was qualified

Attestation from foreman stating that procedures and regulations were followed

WO 1027090309

11/15/22

2" PE

Ritzville

Dusty Dershem

Qualified 03/01/22

Davis Critelli

Qualified 03/09/22

Goldendale

WO 1031144684

3/4" PE

4/11/24

Don Williams Qualified 02/01/22

Connell

WO 1026838712

3/23/22

2" PE

Hayden Graham qualified 02/22/22

186. Question Result, ID, NA, TQ.QUOMCONST.PLASTIC.O, 192.285(a) (192.287, 192.803) (also presented in: DC.PLASTIC)  
References

Question Text *Do field observations verify personnel making/inspecting joints in plastic pipelines demonstrate adequate skills and knowledge?*

Assets Covered 90867 (1915)

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

**DC.MO: Maintenance and Operations**

187. Question Result, ID, Sat, DC.PLASTIC.PLASTICHANDLING.R, 192.69 (192.59, 192.63(e), 192.321(g)) (also presented in:  
References DC.PLASTIC)

Question Text *Do records indicate that the storage and handling of plastic pipe and associated plastic components were in accordance with noted procedures and applicable standards?*

Assets Covered 90867 (1915)

Result Notes Inspected pipe at storage yards in Ritzville and Goldendale

All were within UV exposure limits and all looked to be in good condition

188. Question Result, ID, Sat, DC.PLASTIC.PLASTICHANDLING.O, 192.69 (192.59, 192.63(e), 192.65, 192.67) (also presented in: References DC.PLASTIC)

Question Text *Do field observations confirm plastic materials are stored and handled to ensure compliance with operator procedures?*

Assets Covered 90867 (1915)

Result Notes Visted pipe storage yards in Goldendale and Ritzville

Both location had PE pipe properly stored and monitored for UV exposure limits

## DC.PLASTIC: Plastic Pipe Construction

189. Question Result, ID, Sat, DC.MA.MARKING.R, 192.63 (also presented in: DC.MA) References

Question Text *Do records indicate that pipe, valves, and fittings were marked as required?*

Assets Covered 90867 (1915)

Result Notes Pipe in storage yard and in the field was properly marked

190. Question Result, ID, Sat, DC.CO.CLEARANCE.R, 192.325(b) (192.325(c)) (also presented in: DC.CO) References

Question Text *Do records indicate that mains are installed with clearances specified in 192.325, and (if plastic) installed as to prevent heat damage to the pipe?*

Assets Covered 90867 (1915)

Result Notes Construction records reviewed during the inspection indicate that all Avista standards and regulations were followed

Form N-2490 signed by foreman

191. Question Result, ID, NA, DC.CO.CLEARANCE.O, 192.325(b) (192.325(c)) (also presented in: DC.CO) References

Question Text *Do field observations indicate that mains are installed with the clearances specified in 192.325 and (if plastic) installed as to prevent heat damage to the pipe?*

Assets Covered 90867 (1915)

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

192. Question Result, ID, Sat, MO.GM.EQUIPPLASTICJOINT.R, 192.603(b) (192.756) (also presented in: MO.GM) References

Question Text *Do records indicate equipment used in joining plastic pipe by heat fusion was maintained in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?*

Assets Covered 90867 (1915)

Result Notes GSM 3.23

Heating Tool

Pg 3

Periodically check using ice water

Infrared Temp Gun

Milwaukee 2267-20

No specifics on calibration

193. Question Result, ID, References **NA, MO.GM.EQUIPPLASTICJOINT.O, 192.756** (also presented in: MO.GM)

Question Text *Is proper maintenance being performed on equipment used in joining plastic pipe by heat fusion in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?*

Assets Covered **90867 (1915)**

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

194. Question Result, ID, References **Sat, TQ.QUOMCONST.PLASTIC.R, 192.285(a) (192.285(d), 192.287, 192.807(a), 192.807(b), 192.285(c))** (also presented in: TQ.QUOMCONST)

Question Text *Do records indicate adequate qualification of personnel making/inspecting joints in plastic pipelines?*

Assets Covered **90867 (1915)**

Result Notes **Reviewed a sample of PE construction records and verified that fitter was qualified**

**Attestation from foreman stating that procedures and regulations were followed**

**WO 1027090309**

**11/15/22**

**2" PE**

**Ritzville**

**Dusty Dershem**

**Qualified 03/01/22**

**Davis Critelli**

**Qualified 03/09/22**

**Goldendale**

**WO 1031144684**

**3/4" PE**

**4/11/24**

**Don Williams Qualified 02/01/22**

**Connell**

**WO 1026838712**

**3/23/22**

**2" PE**

**Hayden Graham qualified 02/22/22**

195. Question Result, ID, References **NA, TQ.QUOMCONST.PLASTIC.O, 192.285(a) (192.287, 192.803)** (also presented in: TQ.QUOMCONST)

Question Text *Do field observations verify personnel making/inspecting joints in plastic pipelines demonstrate adequate skills and knowledge?*

Assets Covered **90867 (1915)**

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

## MO.GM: Gas Pipeline Maintenance

196. Question Result, ID, References **NA, AR.RCOM.PLASTICLEAKCLAMP.R, 192.720** (also presented in: AR.RCOM)  
Question Text *Do records indicate that mechanical leak clamp repairs for plastic pipe are documented with date installed, location, and date of removal?*  
Assets Covered **90867 (1915)**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
197. Question Result, ID, References **NA, AR.RCOM.PLASTICLEAKCLAMP.O, 192.720 (192.605, 192.603)** (also presented in: AR.RCOM)  
Question Text *Do field observations verify that mechanical leak clamp repairs for plastic pipe were installed and documented properly?*  
Assets Covered **90867 (1915)**  
Result Notes **No such activity/condition was observed during the inspection.**

## PD.PA: Public Awareness

198. Question Result, ID, References **Sat, EP.ERG.LIAISON.R, 192.603(b) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-2005-03)** (also presented in: EP.ERG)  
Question Text *Do records indicate liaisons established and maintained with appropriate fire, police, other public officials, and 911 emergency call centers in accordance with procedures?*  
Assets Covered **90867 (1915)**  
Result Notes **Local reps attend safety events and demos in the community**  
  
**Reviewed records for Safety event in Lind/Ritzville, Meeting with Goldendale FD and Klickitat County, Events at High School, etc.**

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

199. Question Result, ID, References **Sat, MO.GO.CONTSURVEILLANCE.R, 192.605(b)(3) (192.613(a), 192.613(b), 192.703(b), 192.703(c))** (also presented in: MO.GO)  
Question Text *Do records indicate performance of continuing surveillance of facilities as required, and also the reconditioning, phasing out, or MAOP reduction in any pipeline segment that was determined to be in unsatisfactory condition but on which no immediate hazard existed?*  
Assets Covered **90867 (1915)**  
Result Notes **Reviewed leak survey and patrolling records for 2022-2024**  
  
**No concerns**
200. Question Result, ID, References **Sat, MO.GO.CONTSURVEILLANCE.O, 192.605(b)(3) (192.613(b), 192.703(a), 192.703(b), 192.703(c))** (also presented in: MO.GO)  
Question Text *Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?*  
Assets Covered **90867 (1915)**  
Result Notes **No unsatisfactory conditions found in the field but Avista addresses them as they are found during continuing surveillance activities**
201. Question Result, ID, References **NA, MO.RW.CASINGLEAKSURVEY.R,** (also presented in: MO.RW)  
Question Text *Do records indicate shorted casings were leak surveyed as required?*  
Assets Covered **90867 (1915)**  
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
202. Question Result, ID, References **Sat, MO.RW.LEAKFOLLOW.R,** (also presented in: MO.RW)  
Question Text *Do records indicate that a follow-up inspection was performed not more than thirty days following a repair where residual gas remained in the ground?*  
Assets Covered **90867 (1915)**  
Result Notes **All residual gas leak were followed up within 30 days**

203. Question Result, ID, NA, MO.RW.DOWNGRADELEAKREPAIR.R, (also presented in: MO.RW)  
References

Question Text *Do records indicate that leaks that have been downgraded are repaired within twenty-one months?*

Assets Covered 90867 (1915)

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

204. Question Result, ID, Sat, MO.RW.LEAKREPAIRTIME.R, (also presented in: MO.RW)  
References

Question Text *Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601?*

Assets Covered 90867 (1915)

Result Notes Reviewed a sample of leak repair records

All repairs completed within WAC required timeframes

Leak #22116362

Leak found in Stevenson during leak survey 5/26/22, repaired 6/4/22, Grade 2 leak

Leak #24110042

Grade 1

found 5/8/24 repaired 5/8/24

Leak #24114970

Warden

Found 5/7/24

Sewer gas

Checked with Ethane detector

Leak 23116463

Goldendale

Found 5/26/23

Grade 3, 0.33% gas

Monitor, no repair yet, visited annually NTE 15 months 08/2024

Leak 24110013

Found 5/7/24

Grade 1, 100% at tee

Repaired 5/9/24

Failed dresser fitting

205. Question Result, ID, Sat, MO.RW.LEAKRECORDS.R, (also presented in: MO.RW)  
References

Question Text *Have gas leak records been prepared and maintained as required?*

Assets Covered 90867 (1915)

Result Notes Reviewed a sample of leak records

Leak records/GIS contained all required information

206. Question Result, ID, References Sat, MO.RW.MARKERSURVEY.R, (also presented in: MO.RW)

Question Text Do records indicate that pipeline marker surveys were completed in the timeframe specified by WAC 480-93-124?

Assets Covered 90867 (1915)

Result Notes Goldendale 6/13/22 last completed 10/30/17

Stevenson completed 6/14/22 last completed 10/31/17

Ritzville and surrounding areas not due in this inspection timeframe, last completed 2021

207. Question Result, ID, References Sat, MO.RW.MARKERREPLACE.R, (also presented in: MO.RW)

Question Text Do records indicate that damaged or missing markers were replaced within forty-five days of discovery?

Assets Covered 90867 (1915)

Result Notes Reviewed 5-year marker surveys

Replacements indicated on survey

Completed within 45 days

208. Question Result, ID, References Sat, MO.RW.MARKERSMAPSDRAW.R, (also presented in: MO.RW)

Question Text Are records sufficient to indicate class location and other areas where pipeline markers are required?

Assets Covered 90867 (1915)

Result Notes Reviewed maps during the inspection and it seemed clear where markers were necessary

Markers were placed at all required locations

## TD.CPMONITOR: External Corrosion - CP Monitoring

209. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a) (192.491(b), 192.491(c)) (also presented in: TD.CP, TD.CPEXPOSED)

Question Text Do records indicate the location of all corrosion control items listed in §192.491(a)?

Assets Covered 90867 (1915)

Result Notes Verified that all corrosion facilities are mapped

Checked rectifiers, test points, etc.

## TD.CPEXPOSED: External Corrosion - Exposed Pipe

210. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a) (192.491(b), 192.491(c)) (also presented in: TD.CP, TD.CPMONITOR)

Question Text Do records indicate the location of all corrosion control items listed in §192.491(a)?

Assets Covered 90867 (1915)

Result Notes Verified that all corrosion facilities are mapped

Checked rectifiers, test points, etc.

Except as required to be disclosed by law, any inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection

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