

FORM D: Intrastate GT Standard Records & Field 8573

UTC Standard Comprehensive Inspection Report
Intrastate GAS Transmission
FORM D: State-Specific Requirements

**** THIS FORM IS REQUIRED FOR USE FOR ALL INTRASTATE GAS TRANSMISSION OPERATORS. USE IN CONJUNCTION WITH THE "BASELINE RECORDS" and "BASELINE FIELD OBSERVATIONS" MODULES IN THE MOST CURRENT WA-SPECIFIC GT QUESTION SET**

Inspector and Operator Information

Inspection Link	Inspector - Lead	Inspector - Assist
8573	Anderson, Scott	
Operator	Unit	Records Location - City & State
Avista	Transmission	Spokane, WA
Inspection Start Date	Inspection Exit Interview Date	Engineer Submit Date
05-08-2023	05-09-2023	

You must include the following in your inspection summary:

- *Inspection Scope
- *Facilities visited and Total AFOD
- * Summary of Significant Findings

Inspection Scope and Summary

This inspection consisted of a review of records and field assets for Avista's intrastate transmission pipeline. Avista operates an 8" transmission pipeline beginning in North Spokane and ending at the Kettle Falls Co-generation plant. In July of 2021 Avista replaced approximately 800' of pipe crossing the Colville River at MP 47, this was the only construction that occurred in this inspection interval. Records for the project were checked along with other maintenance records.

Facilities visited and Total AFOD

Multiple facilities visited, 3 AFOD

Summary of Significant Findings

(DO NOT Discuss Enforcement options)

No significant findings

Primary Operator contacts and/or participants

Randy Bareither, Avista, Pipeline Safety Engineer

Seth Samsell, Avista, Manager-gas programs

Beth Fink, Avista, Compliance Specialist

Steve Winters, Avista, CP Technician

Ryan Bushnell, Avista, CP Technician

Jeff James, Avista, CP Technician

Josh Fort, Avista, TIMP Program Manager

Ken Gibson, Avista, Pressure Controlman

Bob Larson, Avista, CP Technician

Tim Mair, Avista, Operations Manager

Anna Wood-Gaines, Avista, Compliance Specialist

Jim Woods, Avista, Gas Local Rep

Operator executive contact and mailing address for any official correspondence

Josh DiLuciano

VP, Energy Delivery

Avista Corporation

PO Box 3727

Spokane, WA 99220

Instructions and Ratings Definitions

INSTRUCTIONS

S - Satisfactory

U - Unsatisfactory

Area Of Concern

N/A- Not Applicable (does not apply to this operator or system)

N/C - Not Checked/Evaluated (was not inspected during this inspection)

INSPECTION RESULTS

Satisfactory Responses

5

Unsatisfactory Responses

0

Area of Concern Responses

0

Not Applicable Responses

3

Not Checked / Evaluated Responses

0

Satisfactory List

1,2,3,4,8,

Unsatisfactory List

Area of Concern List

Not Applicable List

5,6,7,

Not Checked / Evaluated List

Unanswered Questions

0

Unanswered Questions List

****If an item is marked Unsat, AOC, N/A, or N/C, an explanation must be included in the "Notes" block for that question, and summarized in the appropriate "RECORDS/FIELD OBSERVATION: SUMMARY OF REQUIRED COMMENTS" section at the end of this form.**

INTRASTATE GT RECORDS REVIEW

MAPPING RECORDS

REPORTING RECORDS

Question 1

Do records indicate that the operator filed with the commission, not later than March 15 of each year, applicable to the preceding calendar year: a copy of every Pipeline and Hazardous Materials Safety Administration (PHMSA) F-7100.2-1 annual report?

Q8 Reference

WAC 480-93-200(10)

Q1 Result

Satisfactory

Q1 Notes

Reviewed Avista annual reports. Accurate and complete.

Submittals: 2/14/23 CY 2022, 3/4/22 CY 2021, 2/9/21 CY 2020

DAMAGE PREVENTION RECORDS

Question 2

Do records indicate that the operator's locating and excavation practices are in compliance with all RCW 19.122 requirements for facility operators? Does the records sample indicate that locates are made within two business days?

Q9 Reference

RCW 19.122

Q2 Result

Satisfactory

Q2 Notes

Records are adequate, all locates were made within 2 business days.

Question 3

Do records indicate that the operator uses a quality assurance program for monitoring the locating and marking of facilities? Does the operator conduct regular field audits of the performance of locators/contractors and implement appropriate corrective action when necessary?

Q3 Reference

PHMSA State Program Question

Q3 Result

Satisfactory

Q3 Notes

Records adequate

Question 4

Do records indicate that the operator's (organic or contracted) locator and excavator personel are properly qualified in accordance with the operator's OQ plan and with state OQ requirements?

Q4 Reference

WAC 480-93-013

Q4 Result

Satisfactory

Q4 Notes

OQs were adequate.

Question 5

Do records indicate that the operator is meeting requirements in RCW 19.122.035 with respect to their duties after notice of excavation? Are examinations of uncovered pipe conducted prior to reburial? Does the operator immediately notify local first respondeers and the commission of any blowing gas leak that has ignited or represents a probable hazard to persons or property?

Q5 Reference

RCW 19.122.035

Q5 Result

Not Applicable

Q5 Notes

No damage to Avista's Transmission line.

Question 6

Do records indicate that the operator reviews records of accidents and failures caused by excavation damage to ensure the causes of those failures are addressed to minimize the possibility of reoccurrence?

Q6 Reference

PHMSA State Programs Emphasis - no link

Q6 Result

Not Applicable

Q6 Notes

No damages

DESIGN/CONSTRUCTION RECORDS

Question 7

Do construction/installation records indicate that the operator is complying with WAC 480-93-115 requirements to seal the casing ends of any transmission line installed in a casing or conduit? If casings are installed, is the operator installing only bare steel casings?

Q21 Reference

WAC 480-93-115

Q7 Result

Not Applicable

Q7 Notes

No casings installed

CORROSION CONTROL RECORDS

OPERATIONS & MAINTENANCE RECORDS

Question 8

Do odorization records demonstrate appropriate odorization levels, testing, instrumentation, calibration, and adherence to applicable intervals in accordance with WAC 480-93-015? Does the operator retain records of tests performed and equipment calibration for 5 years? Does the operator take prompt action to investigate and remediate odorant concentrations not meeting the minimum requirements (as applicable)?

Q8 Reference

WAC 480-93-015

Q8 Result

Satisfactory

Q8 Notes

Reviewed Odorant records all reads were adequate and made in threquired time interval.

RECORDS: SUMMARY OF REQUIRED COMMENTS

RECORDS REVIEW SUMMARY: Comments are required for any rating other than "Satisfactory". Summarize the "Notes" blocks above, and ensure you annotate the question number for each comment

INTRASTATE GT: FIELD OBSERVATIONS

FIELD: SUMMARY OF REQUIRED COMMENTS

FIELD OBSERVATIONS SUMMARY: Comments are required for any rating other than "Satisfactory". Summarize the "Notes" blocks above and ensure you annotate the question number for each comment.

Inspection Output (IOR)

Generated on 2023.May.16 15:37

Report Filters

Assets Avista Utilities Corp- TRANSMISSION / 88962 (1,907)

Results All

Inspection Information

Inspection Name	8573 - Avista Transmission Standard Records & Fiel	Operator(s)	AVISTA CORP (31232) Lead Scott Anderson	Plan Submitted	01/19/2023
Status	PLANNED	Team Members	David Cullom, Lex Vinsel, Anthony Dorrough, Derek Norwood	Plan Approval	05/16/2023 by Dennis Ritter
Start Year	2023	Observer(s)	John Trier	All Activity Start	05/08/2023
System Type	GT	Supervisor	Dennis Ritter	All Activity End	05/10/2023
Protocol Set ID	WA.GT.2022.02	Director	Scott Rukke	Inspection Submitted	--
				Inspection Approval	--

Inspection Summary

NOTE: Inspection Setup/pre plan analysis is not used for this type of WA intrastate inspection.

Inspection Scope and Summary

This inspection consisted of a review of records and field assets for Avista's intrastate transmission pipeline. Avista operates an 8" transmission pipeline beginning in North Spokane and ending at the Kettle Falls Co-generation plant. In July of 2021 Avista replaced approximately 800' of pipe crossing the Colville River at MP 47, this was the only construction that occurred in this inspection interval. Records for the project were checked along with other maintenance records.

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Summary of Significant Findings

(DO NOT Discuss Enforcement options)

No significant findings

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VP, Energy Delivery

Avista Corporation

PO Box 3727

Spokane, WA 99220

Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	88962 (1,907)	Avista Utilities Corp-TRANSMISSION	unit	88962	Compressor Stations Bottle/Pipe - Holders Gas Storage Field (Aboveground) Service Line Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric Plastic Pipe AMAOP CDA Abandoned	153	153	153	153	100.0%

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

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent Notes
1.	88962 (1,907)	WUTC Standard Inspection	AR, CR, DC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, UNGS, 114, GENERIC	P, R, O, S	Detail --

Plan Implementations

#	Activity Name	SMAR T Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1	Avista Records and Field	--	05/08/20	23	WUTC Standard Inspection	AR, CR, DC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, UNGS, 114, GENERIC	88962 (1,907)	all types	153	153	153	153	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	Avista Records and Field	COMPLETED	05/15/2023	Avista Records and Field	88962 (1,907)

Results (all values, 153 results)

176 (instead of 153) 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.PRESSTESTREVQUAL.R, 192.947(g) (192.915(a), 192.915(b))**
 Question Text *Do records demonstrate that operator/vendor personnel, including supervisors, who conduct or review pressure test assessment results are qualified for the tasks they perform?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
2. Question Result, ID, References **NA, AR.PTI.PRESSTESTRESULT.R, 192.517(a) (192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d), 192.517(b), 192.617, 192.619(a), 192.919(e), 192.921(a)(2))**
 Question Text *Do the test records validate the pressure test?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
3. Question Result, ID, References **NA, AR.PTI.PRESSTESTCOMPLETE.O, 192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d))**
 Question Text *From field operations was the pressure test performed in accordance with Subpart J requirements and the process requirements?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such activity/condition was observed during the inspection.**

AR.RMP: Repair Methods and Practices

4. Question Result, ID, References **NA, 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 **88962 (1,907)**
 Result Notes **No such activity/condition was observed during the inspection.**
5. Question Result, ID, References **NA, AR.RMP.WELDTTEST.O, 192.719(a) (192.719(b))**
 Question Text *Does the operator properly test replacement pipe and repairs made by welding on transmission lines?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such activity/condition was observed during the inspection.**

DC.CO: Construction

6. Question Result, ID, References **NA, DC.CO.CASING.O, 192.323 (192.467(a), 192.467(b))**

Question Text *Do field observations confirm railroad or highway casings are being installed as designed and specified, and in accordance with 192.323?*

Assets Covered 88962 (1,907)

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

7. Question Result, ID, NA, DC.CO.REPAIR.R, 192.303 (192.309)
References

Question Text *Do records demonstrate that repairs to steel pipe are being made in accordance with §192.309?*

Assets Covered 88962 (1,907)

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

DC.WELDINSPECTION: Construction Weld Inspection

8. Question Result, ID, Sat, DC.WELDINSPECTION.WELDVISUALQUAL.R, 192.241 (192.225, 192.227, 192.229, 192.231, 192.233, 192.243, 192.245)
References

Question Text *Does the operator have records showing that the welding was visually and/or non-destructively tested according to the requirements of 192.241 and the operator's specifications or procedures?*

Assets Covered 88962 (1,907)

Result Notes Reviewed NDT reports for the Colville River MP 47 project, 100% of welds were NDT tested with no rejects. Reviewed certs for NDT technician(s) working on the MP 47 project. Avista used 3rd party vendor Metals Testing Services, David Rygula performed all NDT for the project. Certifications expiration May 25, 2024. This was the only NDT performed during the inspection interval.

9. Question Result, ID, Sat, DC.WELDINSPECTION.WELDNDT.R, 192.243
References

Question Text *Do records indicate that NDT and interpretation are in accordance with 192.243?*

Assets Covered 88962 (1,907)

Result Notes Records indicated that NDT and interpretation are in accordance with 192.243.

10. Question Result, ID, Sat, DC.WELDINSPECTION.WELDREPAIR.R, 192.245 (192.303)
References

Question Text *Do records indicate that unacceptable welds are removed and/or repaired in accordance with 192.245?*

Assets Covered 88962 (1,907)

Result Notes Reviewed NDT reports for the Colville River, MP 47 project, 100% of welds were NDT tested with no rejects. This was the only welding performed on Avista's transmission line.

DC.WELDPROCEDURE: Construction Welding Procedures

11. Question Result, ID, Sat, DC.WELDPROCEDURE.WELD.R, 192.225
References

Question Text *Does the operator have detailed records showing proper qualification of the welding procedures in accordance with 192.225?*

Assets Covered 88962 (1,907)

Result Notes Avista O&M weld procedures from Spec. 3.22, Appendix A.

12. Question Result, ID, Sat, DC.WELDPROCEDURE.WELDERQUAL.R, 192.227 (192.225, 192.229)
References

Question Text *Do the records demonstrate that the welders are qualified in accordance with applicable sections of API Standard 1104 or ASME BPVC, Section IX, and cover the limitations in 192.229?*

Assets Covered 88962 (1,907)

Result Notes Avista qualifies their welders under API 1104, reviewed welders tests for MP 47 project. Evan O'marro, Steve Orvik, and Ted Leonard performed any welding on the project. Reviewed field staff welding tests, all were good.

13. Question Result, ID, NA, DC.WELDPROCEDURE.WELDERQUAL.O, 192.227 (192.225, 192.229)
References

Question Text *Do field observations confirm that the welders are qualified in accordance with applicable sections of API Standard 1104 or ASME BPVC, Section IX, and cover the limitations in 192.229?*

Assets Covered 88962 (1,907)

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

DC.DPCOPP: Design of Pipe - Overpressure Protection

14. Question Result, ID, Sat, DC.DPCOPP.OVERPRESSURE.R, 192.195(a) (192.199(a), 192.199(b), 192.199(c), 192.199(d),
References 192.199(e), 192.199(f), 192.199(g), 192.199(h), 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 88962 (1,907)
Result Notes Avista has only one operating pressure regulating station on the Kettle Falls Transmission Line. It is Station 8009 with (3) regulators (dual run arrangement) and one full relief valve. One other regulating station on the line is Station 715 (Antler Road) and it is on permanent bypass. It is a dual run worker/monitor arrangement with a token relief valve. Checked overpressure records.
15. Question Result, ID, Sat, DC.DPCOPP.OVERPRESSURE.O, 192.195(a) (192.199(a), 192.199(b), 192.199(c), 192.199(d),
References 192.199(e), 192.199(f), 192.199(g), 192.199(h), 192.201(a), 192.201(b), 192.201(c))
Question Text *Are required pressure relieving or pressure limiting devices being installed, and do they meet the requirements of 192.199 and 192.201?*
Assets Covered 88962 (1,907)
Result Notes Avista has installed protection against accidental overpressure.
16. Question Result, ID, Sat, DC.DPCOPP.PRESSLIMIT.R, 192.199(a) (192.199(b), 192.199(c), 192.199(d), 192.199(e),
References 192.199(f), 192.199(g), 192.199(h))
Question Text *Do records indicate that pressure relieving or pressure limiting devices meet the requirements of 192.199?*
Assets Covered 88962 (1,907)
Result Notes Records indicated that pressure relieving or pressure limiting devices meet the requirements of 192.199. Avista has only one operating pressure regulating station on the Kettle Falls Transmission Line. It is Station 8009 with (3) regulators (dual run arrangement) and one full relief valve. One other regulating station on the line is Station 715 (Antler Road) and it is on permanent bypass. It is a dual run worker/monitor arrangement with a token relief valve.
17. Question Result, ID, Sat, DC.DPCOPP.PRESSLIMIT.O, 192.199(a) (192.199(b), 192.199(c), 192.199(d), 192.199(e),
References 192.199(f), 192.199(g), 192.199(h))
Question Text *Do field observations confirm pressure relieving or pressure limiting devices meet the requirements of 192.199?*
Assets Covered 88962 (1,907)
Result Notes Performed stroke and lockup on Reg 8009 at the gate station. 470 psig set point, 490 psig lockup. Work was performed by Ken Gibson, OQs for testing pressure relieving devices expires 12/31/23
18. Question Result, ID, Sat, DC.DPCOPP.PRESSLIMITCAP.R, 192.201(a) (192.201(b), 192.201(c))
References
Question Text *Do records indicate that pressure relief or pressure limiting stations being installed comply with 192.201?*
Assets Covered 88962 (1,907)
Result Notes Reviewed Avista capacity calculations
19. Question Result, ID, Sat, DC.DPCOPP.PRESSLIMITCAP.O, 192.201(a) (192.201(b), 192.201(c))
References
Question Text *Do field observations verify pressure relief or pressure limiting stations comply with the requirements of 192.201?*
Assets Covered 88962 (1,907)
Result Notes Performed stroke and lockup on Reg 8009 at the gate station. 470 psig set point, 490 psig lockup. Work was performed by Ken Gibson, OQs for testing pressure relieving devices expires 12/31/23
20. Question Result, ID, NA, DC.DPCOPP.MULTISTAGE.R,
References
Question Text *Do records indicate that the operator is installing multistage regulator equipment consistent with the requirements in WAC 480-93-130?*
Assets Covered 88962 (1,907)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

No multistage pressure regulation on Avista's transmission assets.

DC.DPC: Design of Pipe Components

21. Question Result, ID, References **Sat, DC.DPC.ILIPASS.R, 192.150 (192.150(a), 192.150(c))**
Question Text *Do records indicate that certain transmission pipeline components are designed and constructed to accommodate the passage of instrumented internal inspection devices?*
Assets Covered **88962 (1,907)**
Result Notes **Most recent project at MP 47 at the Colville River meets this requirement. Long radius elbows were installed, stopple fittings all had PIG plugs installed.**
22. Question Result, ID, References **Sat, DC.DPC.VALVESPACE.R, 192.179(a) (192.179(a)(1), 192.179(a)(2), 192.179(a)(3), 192.179(a)(4), 192.179(b), 192.179(c), 192.179(d))**
Question Text *Do records indicate that transmission line valve spacing is in accordance with 192.179(a)?*
Assets Covered **88962 (1,907)**
Result Notes **Max Distance to Valve for Class 3 is 2 miles, Max Distance to Valve for Class1/Class2 is 6.9 Miles. Avista's valve spacing meets Class 2 minimum.**
23. Question Result, ID, References **Sat, DC.DPC.VALVESPACE.O, 192.141 (192.179(a), 192.179(b), 192.179(c), 192.179(d))**
Question Text *Are transmission line valves being installed as required by 192.179?*
Assets Covered **88962 (1,907)**
Result Notes **Valves are installed as required.**
24. Question Result, ID, References **NA, DC.DPC.INTCORRODE.R, 192.476(d) (192.476(b), 192.476(c), 192.476(a))**
Question Text *Do records demonstrate the transmission line project has features incorporated into its design and construction to reduce the risk of internal corrosion, as required of 192.476?*
Assets Covered **88962 (1,907)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
25. Question Result, ID, References **NA, DC.DPC.INTCORRODE.O, 192.476(a) (192.476(b), 192.476(c))**
Question Text *Does the transmission project's design and construction comply with 192.476?*
Assets Covered **88962 (1,907)**
Result Notes **No such activity/condition was observed during the inspection.**
26. Question Result, ID, References **Sat, DC.DPC.CCPROTCOATLOWER.R, 192.143(b) (192.461(c)) (also presented in: DC.CO)**
Question Text *Do records indicate that each pipe segment with external protective coating was inspected just prior to lowering into the ditch and backfilling, and any damage detrimental to effective corrosion control was repaired?*
Assets Covered **88962 (1,907)**
Result Notes **Reviewed Exposed pipe condition report for Colville River MP 47 project. Jeep records were also checked for the project.**
27. Question Result, ID, References **NA, DC.DPC.CCELECTRICALISOL.R, 192.467(c) (192.143(b))**
Question Text *Do operator's records indicate that each pipeline was electrically isolated from metallic casings that are a part of the underground system?*
Assets Covered **88962 (1,907)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No casings installed.**
28. Question Result, ID, References **NA, DC.DPC.CCELECTRICALISOL.O, 192.467(c) (192.143(b))**
Question Text *Do field observations confirm that each pipeline was electrically isolated from metallic casings that are a part of the underground system?*
Assets Covered **88962 (1,907)**
Result Notes **No such activity/condition was observed during the inspection.**

DC.MO: Maintenance and Operations

29. Question Result, ID, References **NA, DC.MO.ICEXAMINE.R, 192.491(c) (192.475(a), 192.475(b), 192.475(c))**
 Question Text *Do records indicate examination of removed pipe for evidence of internal corrosion?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No IC in WA**
30. Question Result, ID, References **NA, DC.MO.ICEXAMINE.O, 192.475(a) (192.475(b), 192.475(c))**
 Question Text *Is examination of removed pipe conducted to determine any evidence of internal corrosion?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such activity/condition was observed during the inspection.**
31. Question Result, ID, References **NA, 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 **88962 (1,907)**
 Result Notes **No such activity/condition was observed during the inspection.**
32. Question Result, ID, References **Sat, DC.MO.RECORDUPDATE.R,**
 Question Text *Do records indicate that records, maps, and drawings of gas facilities are updated not later than six months from completion of construction activity and made available to appropriate personnel?*
 Assets Covered **88962 (1,907)**
 Result Notes **Maps and records are up to date and are updated within six months if there is construction activity. The 2021 Colville River project at MP 47 was completed 7/30/2021, maps and records were updated 11/4/2021. No other construction was performed during this inspection interval.**

DC.PT: Pressure Testing

33. Question Result, ID, References **Sat, DC.PT.PRESSTEST.R, 192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.503(e))** (also presented in: **DC.PT.LOWPRESS**)
 Question Text *Do records indicate that pressure testing is conducted in accordance with 192.503?*
 Assets Covered **88962 (1,907)**
 Result Notes **Reviewed pressure test wheels for the project at MP 47, 8+ hours on the 800' of replaced pipe, 10' of tie-in tested at 14+ hours, South side tie in 13' tested at 14+ hours. All test were at 800psig.**
34. Question Result, ID, References **NA, DC.PT.PRESSTEST.O, 192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.503(e))** (also presented in: **DC.PT.LOWPRESS**)
 Question Text *Is pressure testing conducted in accordance with 192.503?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such activity/condition was observed during the inspection.**
35. Question Result, ID, References **NA, DC.PT.PRESSTESTHIGHSTRESS.R, 192.505(a) (192.143(a), 192.517(a), 192.505(b), 192.505(c), 192.505(d), 192.143(b), 192.143(c))**
 Question Text *Do records indicate that the sections of a pipeline operating at a hoop stress equal to or greater than 30% of SMYS were strength tested in accordance with the requirements of 192.505?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

Avista operates below 30% SMYS
36. Question Result, ID, References **NA, DC.PT.PRESSTESTHIGHSTRESS.O, 192.505(a) (192.143(a), 192.505(b), 192.505(c), 192.505(d), 192.143(b), 192.143(c))**
 Question Text *Do field observations confirm that sections of a pipeline operating at a hoop stress equal to or greater than 30% of SMYS are strength tested in accordance with the requirements of 192.505?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such activity/condition was observed during the inspection.**
37. Question Result, ID, References **Sat, DC.PT.PRESSTESTENVIRON.R, 192.515(b) (192.629(a), 192.629(b))** (also presented in: **DC.SPT, DC.PT.LOWPRESS**)

Question Text *Do records indicate while conducting tests under Subpart J – Test Requirements, the test medium disposal was conducted in a manner that minimized damage to the environment?*

Assets Covered 88962 (1,907)

Result Notes Colville River project pipe was tested with Nitrogen. Vented to atmosphere

38. Question Result, ID, NA, DC.PT.PRESSTESTENVIRON.O, 192.515(b) (192.629(a), 192.629(b)) (also presented in: DC.SPT, References DC.PTLOWPRESS)

Question Text *Do field observations confirm while conducting tests under Subpart J – Test Requirements, the test medium was disposed of in an environmentally sound manner?*

Assets Covered 88962 (1,907)

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

39. Question Result, ID, NA, DC.PT.PRESSTESTSAFETY.R, 192.515(a) (192.629(a), 192.629(b)) (also presented in: DC.SPT, References DC.PTLOWPRESS)

Question Text *Do records indicate while conducting tests under Subpart J – Test Requirements, every reasonable precaution was taken to protect its employees and the general public throughout the testing?*

Assets Covered 88962 (1,907)

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

40. Question Result, ID, NA, DC.PT.PRESSTESTSAFETY.O, 192.515(a) (192.629(a), 192.629(b)) (also presented in: DC.SPT, References DC.PTLOWPRESS)

Question Text *Do field observations confirm while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing?*

Assets Covered 88962 (1,907)

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

41. Question Result, ID, Sat, DC.PT.PRESSTESTRECORD.R, 192.517(a) (192.517(b)) (also presented in: DC.SPT, References DC.PTLOWPRESS)

Question Text *Do records indicate creation and retention of a record for each Subpart J test performed for the required duration?*

Assets Covered 88962 (1,907)

Result Notes Reviewed pressure test wheels for the project, 8+ hours on the 800' of replaced pipe, 10' of tie-in tested at 14+ hours, South side tie in 13' tested at 14+ hours. All test were at 800psig. Avista also has pressure tests from when the pipe was installed in 1966.

42. Question Result, ID, Sat, DC.PT.EQUIPMENTCALIBRATION.R, References

Question Text *Do records indicate that pressure testing equipment is maintained and calibrated at appropriate intervals in accordance with the manufacturer's recommendations?*

Assets Covered 88962 (1,907)

Result Notes Reviewed pressure test wheels for the project, 8+ hours on the 800' of replaced pipe, 10' of tie-in tested at 14+ hours, South side tie in 13' tested at 14+ hours. All test were at 800psig. Checked calibration records for the chart recorders used, all were up to date at the time of the project.

DC.PTLOWPRESS: Pressure Testing - Low Pressure

43. Question Result, ID, Sat, DC.PTLOWPRESS.PRESSTESTLOWSTRESS.R, 192.507 (192.505, 192.515, 192.517, ANSI/GPTC References Z380.1-2018 Appendix G-192-9)

Question Text *Do records indicate that, as applicable to the project, sections of a pipeline operating at a hoop stress less than 30% of SMYS and at or above 100 psig were tested in accordance with the requirements of 192.507?*

Assets Covered 88962 (1,907)

Result Notes Reviewed pressure test wheels for the project, 8+ hours on the 800' of replaced pipe, 10' of tie-in tested at 14+ hours, South side tie in 13' tested at 14+ hours. All test were at 800psig.

44. Question Result, ID, NA, DC.PTLOWPRESS.PRESSTESTLOWSTRESS.O, 192.507 (192.505, 192.515, ANSI/GPTC Z380.1-2018 References Appendix G-192-9)

Question Text *Do field observations confirm that sections of a pipeline operating at a hoop stress less than 30% of SMYS and at or above 100 psig are tested in accordance with the requirements of 192.507?*

Assets Covered 88962 (1,907)

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

45. Question Result, ID, References **NA, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.509 (192.143, 192.517)**
 Question Text *Do records indicate that the sections of a pipeline operated below 100 psig were leak tested in accordance with the section requirements of 192.509 (except for service lines and plastic pipelines)?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
46. Question Result, ID, References **NA, DC.PTLOWPRESS.PRESSTEST100PSIG.O, 192.509 (192.143)**
 Question Text *Do field observations confirm that sections of a pipeline operated below 100 psig are leak tested in accordance with the requirements of 192.509 (except for service lines and plastic pipelines)?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such activity/condition was observed during the inspection.**

DC.TQ: Training and Qualification

47. Question Result, ID, References **Sat, DC.TQ.ABNORMAL.R, 192.807(a) (192.803)**
 Question Text *Do records show evaluation of qualified individuals for recognition and reaction to AOCs?*
 Assets Covered **88962 (1,907)**
 Result Notes **All Avista OQ covered tasks have associated AOCs. When field personnel is certified under a certain covered task the AOCs are included. GSM Spec. 4.31, Appendix A.**
48. Question Result, ID, References **Sat, DC.TQ.RECORDS.R, 192.807(a) (Operators OQ program manual)**
 Question Text *Are qualification records maintained for operator personnel?*
 Assets Covered **88962 (1,907)**
 Result Notes **Reviewed OQ records for the MP 47 project. Avista staff and Contractor (NPL) staff OQ were checked, all were qualified at the time of the job. OQs for Avista maintenance staff was also checked.**

EP.ERG: Emergency Response

49. Question Result, ID, References **Sat, EP.ERG.REVIEW.R, 192.605(a)**
 Question Text *Have annual reviews been conducted of the emergency plans and procedures as required, and any updates completed as appropriate?*
 Assets Covered **88962 (1,907)**
 Result Notes **Reviewed Avista's GSM (Gas Standards Manual) and GESH (Gas Emergency and Service Handbook) annual revisions log. The revisions log only shows the most current revisions. As stated on the front cover of the manuals Avista's manuals expire 12/31 of the current year, i.e. 2023s manual has 2022 changes. A large number of changes are tracked each year. 2022 and 2021 revisions logs were also checked.**
50. Question Result, ID, References **Sat, EP.ERG.LOCATION.O, 192.615(b)(1)**
 Question Text *Are supervisors provided the applicable portions of the emergency plan and procedures?*
 Assets Covered **88962 (1,907)**
 Result Notes **Provided digitally and in hardcopy**
51. Question Result, ID, References **NA, EP.ERG.POSTEVTREVIEW.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 **88962 (1,907)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review?**
52. Question Result, ID, References **Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03) (also presented in: PD.PA)**
 Question Text *Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?*
 Assets Covered **88962 (1,907)**

Result Notes Reviewed Avista's Liaison with Public Officials lists. Liaisons have been established and maintained with appropriate fire, police, public officials, and utility owners.

FS.FG: Facilities General

53. Question Result, ID, **NA**, FS.FG.VAULTINSPECT.R, 192.709(c) (192.749(a), 192.749(b), 192.749(c), 192.749(d)) (also References presented in: MO.GM)
Question Text *Do records document the adequacy of inspections of all vaults having an internal volume =200 cubic feet (5.66 cubic meters) that house pressure regulating/limiting equipment?*
Assets Covered 88962 (1,907)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
- No vaults ≥200 cubic feet

MO.GC: Conversion to Service

54. Question Result, ID, **NA**, MO.GC.CONVERSION.R, 192.14(a) (192.14(b), 192.14(c))
References
Question Text *Do records indicate the process was followed for converting any pipelines into Part 192 service?*
Assets Covered 88962 (1,907)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

MO.GOABNORMAL: Gas Pipeline Abnormal Operations

55. Question Result, ID, **NA**, MO.GOABNORMAL.ABNORMAL.R, 192.605(a) (192.605(c)(1))
References
Question Text *Did personnel respond to indications of abnormal operations as required by the process?*
Assets Covered 88962 (1,907)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
56. 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 88962 (1,907)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

MO.GOCLASS: Gas Pipeline Class Location

57. Question Result, ID, **Sat**, 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 88962 (1,907)
Result Notes Class location studies were performed in 2019 and 2021 and will be performed again in 2023. There have not been significant changes in population density along the pipeline. Avista's patrolling form covers any changes along the ROW if there are any.

MO.GOMAOP: Gas Pipeline MAOP

58. Question Result, ID, **Sat**, MO.GOMAOP.MAOPDETERMINE.R, 192.709(c) (192.619(a), 192.619(b), 192.619(f), 192.517)
References
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 88962 (1,907)
Result Notes Reviewed MAOP data on Avista's transmission line. Data included historical records and pressure tests

MO.GM: Gas Pipeline Maintenance

59. Question Result, ID, References **Sat, MO.GM.RECORDS.R, 192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c))** (also presented in: MO.GMOPP)
Question Text *Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?*
Assets Covered **88962 (1,907)**
Result Notes **Reviewed multiple records for the Colville River project at MP 47. Also reviewed others.**
60. 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 **88962 (1,907)**
Result Notes **Reviewed Avista's HESIT (Host Employer Safety Information Transfer) forms for Colville River project at MP 47. The form covers accidental ignition along with other possible hazards.**
61. Question Result, ID, References **Sat, MO.GM.VALVEINSPECT.R, 192.709(c) (192.745(a), 192.745(b))**
Question Text *Do records indicate proper inspection and partial operation of transmission line valves that may be required during an emergency as required and prompt remedial actions taken if necessary?*
Assets Covered **88962 (1,907)**
Result Notes **Reviewed Avista's Valve inspection spreadsheet. Avista has 12 valves along their transmission line, all were checked within the required interval.**
62. Question Result, ID, References **Sat, MO.GM.VALVEINSPECT.O, 192.745(a) (192.745(b))**
Question Text *Are field inspection and partial operation of transmission line valves adequate?*
Assets Covered **88962 (1,907)**
Result Notes **Ken Gibson performed all valve operation during the field inspection. His OQs are in the attachments.**

MO.GOODOR: Gas Pipeline Odorization

63. Question Result, ID, References **Sat, MO.GOODOR.ODORIZE.R, 192.709(c) (192.625(a), 192.625(b), 192.625(c), 192.625(d), 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 **88962 (1,907)**
Result Notes **Reviewed Avista Odorant records, all reads were adequate and done within the required time interval.**
64. Question Result, ID, References **Sat, MO.GOODOR.ODORIZE.O, 192.625(f)**
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 **88962 (1,907)**
Result Notes **Ken Gibson checked odorant at station #8013. 0.04% gas in air initial, 0.11% gas in air actual. OQs for checking odorant expire 12/31/23**

MO.GO: Gas Pipeline Operations

65. Question Result, ID, References **Sat, MO.GO.CONTSURVEILLANCE.R, 192.709(c) (192.613(a), 192.613(b), 192.703(b), 192.703(c))** (also presented in: MO.GOCLASS)
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 **88962 (1,907)**
Result Notes **Reviewed patrolling reports for continuing surveillance documentation. Avista found one segment of pipeline at Mile Marker 47 that was exposed at the bottom of the Colville River. There was no immediate hazard present, this segment was replaced in 2021.**

66. Question Result, ID, **NA, MO.GO.CONTSURVEILLANCE.O, 192.613(a) (192.613(b), 192.703(a), 192.703(b), 192.703(c))** (also References presented in: MO.GOCLASS)
 Question Text *Are unsatisfactory conditions being captured and addressed by continuing surveillance of facilities and the pipeline as required by 192.613?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
67. Question Result, ID, **Sat, MO.GO.OMANNUALREVIEW.R, 192.605(a)**
 References
 Question Text *Has the operator conducted annual reviews of the written procedures or processes in the manual as required?*
 Assets Covered **88962 (1,907)**
 Result Notes **Reviewed Avista's GSM (Gas Standards Manual) and GESH (Gas Emergency and Service Handbook) annual revisions log. The revisions log only shows the most current revisions. As stated on the front cover of the manuals Avista's manuals expire 12/31 of the current year, i.e. 2023s manual has 2022 changes. Other manuals were available also.**
68. Question Result, ID, **Sat, MO.GO.OMEFFECTREVIEW.R, 192.605(a) (192.605(b)(8))**
 References
 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 **88962 (1,907)**
 Result Notes **Reviewed Avista's GSM (Gas Standards Manual) and GESH (Gas Emergency and Service Handbook) annual revisions log. The revisions log only shows the most current revisions. As stated on the front cover of the manuals Avista's manuals expire 12/31 of the current year, i.e. 2023s manual has 2022 changes. A large number of changes are tracked each year. 2022 and 2021 revisions logs were also checked.**
69. Question Result, ID, **Sat, MO.GO.OMHISTORY.R, 192.605(a) (192.605(b)(3))**
 References
 Question Text *Are construction records, maps, and operating history available to appropriate operating personnel?*
 Assets Covered **88962 (1,907)**
 Result Notes **Construction records are available at each district office and all intermediate as-built records are housed there. Maps are GIS-based and available on all Go-Books and on the Company GIS site. Operating history is a combination of the above and from Control Room / Gas Engineering.**
70. Question Result, ID, **Sat, MO.GO.OMHISTORY.O, 192.605(b)(3)**
 References
 Question Text *Are construction records, maps and operating history available to appropriate operating personnel?*
 Assets Covered **88962 (1,907)**
 Result Notes **Available to field staff digitally**
71. Question Result, ID, **Sat, MO.GO.OMLOCATION.O, 192.605(a)**
 References
 Question Text *Are appropriate parts of the manual kept at locations where operations and maintenance activities are conducted?*
 Assets Covered **88962 (1,907)**
 Result Notes **Available to field staff digitally**
72. Question Result, ID, **NA, MO.GO.UPRATE.R, 192.553(b) (192.553(a), 192.553(c), 192.553(d))**
 References
 Question Text *Do records indicate the pressure uprating process was implemented per the requirements of 192.553?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

MO.GMOPP: Gas Pipeline Overpressure Protection

73. Question Result, ID, **Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))**
 References
 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 88962 (1,907)

Result Notes Avista has only 1 regulator station on their transmission line, station 8009. Reviewed Avista's regulator inspection and testing spreadsheet along with capacity calculations and spreadsheet.

74. 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 88962 (1,907)

Result Notes Reviewed Avista's regulator inspection and testing spreadsheet.

75. Question Result, ID, References NA, MO.GMOPP.PRESSREGTEST.O, 192.739(a) (192.739(b), 192.743)

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

Assets Covered 88962 (1,907)

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

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

76. Question Result, ID, References Sat, MO.RW.PATROL.R, 192.709(c) (192.705(a), 192.705(b), 192.705(c)) (also presented in: PD.RW)

Question Text Do records indicate that ROW surface conditions have been patrolled as required?

Assets Covered 88962 (1,907)

Result Notes Reviewed Avista patrol records.

77. Question Result, ID, References Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(c), 192.707(d)) (also presented in: PD.RW)

Question Text Are line markers placed and maintained as required?

Assets Covered 88962 (1,907)

Result Notes Yes, adequate markers

78. Question Result, ID, References Sat, MO.RW.ROWCONDITION.O, 192.705(a) (192.705(c)) (also presented in: PD.RW)

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

Assets Covered 88962 (1,907)

Result Notes Avista uses aerial, walking, and driving

79. Question Result, ID, References Sat, MO.RW.MARKERSURVEY.R,

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

Assets Covered 88962 (1,907)

Result Notes Reviewed Avista patrol records.

80. Question Result, ID, References Sat, MO.RW.LEAKAGE.R, 192.709(c) (192.706, 192.706(a), 192.706(b), 192.935(d))

Question Text Do records indicate leakage surveys conducted as required?

Assets Covered 88962 (1,907)

Result Notes There were no leaks on Avista's transmission line within the required time interval. Reviewed an example Avista leak survey form N-2511. Form N-2511 is filled out whenever a leak is found.

81. Question Result, ID, References NA, MO.RW.CASINGLEAKSURVEY.R,

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

Assets Covered 88962 (1,907)

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

82. Question Result, ID, References Sat, MO.RW.SPECIALLEAKSURVEY.R,

Question Text *Do records indicate that special leak surveys have been conducted as required by WAC 480-93-188?*
Assets Covered 88962 (1,907)
Result Notes 2 special leak surveys were completed for Avista in 2021. When Avista investigated the leaks none were found.

83. Question Result, ID, References NA, MO.RW.LEAKGRADE.R,

Question Text *Do records indicate that the operator has graded leaks and determined the extent of each leak?*
Assets Covered 88962 (1,907)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

84. Question Result, ID, References NA, MO.RW.LEAKFOLLOWUP.R,

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 88962 (1,907)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

85. Question Result, ID, References NA, MO.RW.DOWNGRADELEAKREPAIR.R,

Question Text *Do records indicate that leaks that have been downgraded are repaired within twenty-one months?*
Assets Covered 88962 (1,907)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

86. Question Result, ID, References NA, MO.RW.LEAKREPAIRTIME.R,

Question Text *Do records indicate that leaks were repaired and re-evaluated within the timeframes specified in WAC 480-93-18601?*
Assets Covered 88962 (1,907)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

87. Question Result, ID, References Sat, MO.RW.LEAKRECORDS.R,

Question Text *Have gas leak records been prepared and maintained as required?*
Assets Covered 88962 (1,907)
Result Notes There were no leaks on Avista's transmission line within the required time interval. Reviewed an example Avista leak survey form N-2511. Form N-2511 is filled out whenever a leak is found.

88. Question Result, ID, References Sat, MO.RW.LEAKCALIBRATE.R,

Question Text *Do records indicate that gas detection equipment has been maintained and calibrated in accordance with the manufacturer's recommendations?*
Assets Covered 88962 (1,907)
Result Notes Reviewed leak detection equipment calibration documentation.

PD.DP: Damage Prevention

89. Question Result, ID, References NA, PD.DP.ONECALL.O, 192.614(c)(3)

Question Text *Observe operator process a "One Call" ticket.*
Assets Covered 88962 (1,907)
Result Notes No such activity/condition was observed during the inspection.

90. 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 88962 (1,907)
Result Notes Avista GSM (Gas Standards Manual), section 4.13. Avista also participates in the Washington 811, one-call program along with DIRT. Avista received 1,925 locate requests that generated a response during the

inspection time interval. Checked a sampling of locate requests, marks were down within two business days and met the requirements of 192.614(c).

91. Question Result, ID, References **NA, PD.DP.DPINFOGATHER.R, 192.947(b) (192.917(b), 192.935(b)(1)(ii))**
Question Text *Do records demonstrate that critical damage prevention information is being gathered and recorded during pipeline patrols, leakage surveys, and integrity assessments?*
Assets Covered **88962 (1,907)**
Result Notes **No such requirement existed in the scope of inspection review.**
92. Question Result, ID, References **Sat, PD.DP.NOTICETOEXCAVATOR.R,**
Question Text *Do records indicate that the operator provides the required information to excavators who damage pipeline facilities?*
Assets Covered **88962 (1,907)**
Result Notes **Excavators who damage Avista pipeline facilities are notified as required by WAC and as discussed in GSM Spec. 4.13, Sheet 15. No excavator damage to transmission pipelines has occurred in this reporting period. Also reviewed a copy of the letter Avista sends to excavators if they damage facilities.**
93. Question Result, ID, References **NA, PD.DP.COMMISSIONREPORT.R,**
Question Text *Do records indicate the operator reports to the commission when the operator or its contractor observes or becomes aware of the activities described in WAC 480-93-200(9)?*
Assets Covered **88962 (1,907)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

PD.PA: Public Awareness

94. 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 **88962 (1,907)**
Result Notes **Avista brochure's are available in Spanish and Russian.**

PD.SP: Special Permits

95. Question Result, ID, References **NA, PD.SP.REPAIR.R, 190.341(d)(2)**
Question Text *If the operator operates a pipeline under a special permit, do records indicate that required repairs were performed?*
Assets Covered **88962 (1,907)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

RPT.NR: Notices and Reporting

96. Question Result, ID, References **Sat, RPT.NR.CONTACTUPDATE.R,**
Question Text *Do records indicate that the operator submits updated name, address, and phone numbers of emergency contacts/responsible officials to the commission and appropriate officials of ALL municipalities in which the company has pipeline facilities?*
Assets Covered **88962 (1,907)**
Result Notes **Randy Bareither forwards notification to WUTC whenever applicable gas leadership changes occur. Last letter was sent on 12/7/22.**
97. Question Result, ID, References **Sat, RPT.NR.CONSTRUCTIONREPORT.R,**
Question Text *Do records indicate the operator has filed a proposed construction report for construction or replacement of any segment of gas transmission pipeline of at least 100 feet in length?*
Assets Covered **88962 (1,907)**

Result Notes Reviewed letter sent from Avista May 14, 2021 for the MP 47 Colville River project. The MP 47 replacement project was the only construction during this inspection interval.

98. Question Result, ID, References NA, RPT.NR.PRESSURETESTNOTIFY.R,

Question Text *Do records indicate that the operator notified the commission 3 days prior to commencement of any pressure test of a gas pipeline that will have a MAOP that produces a hoop stress of twenty percent or more of the specified minimum yield strength?*

Assets Covered 88962 (1,907)

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

99. Question Result, ID, References NA, RPT.NR.PROXIMITYREQUEST.R,

Question Text *Do records demonstrate that the operator is in compliance with the proximity consideration requirements in WAC 480-93-020?*

Assets Covered 88962 (1,907)

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

RPT.RR: Regulatory Reporting (Traditional)

100. Question Result, ID, References Sat, RPT.RR.ANNUALREPORT.R, 191.17(a)

Question Text *Have complete and accurate Annual Reports utilizing the most recent form F 7 100.2-1 been submitted?*

Assets Covered 88962 (1,907)

Result Notes Reviewed Avista annual reports. Accurate and complete.

Submittals: 2/14/23 CY 2022, 3/4/22 CY 2021, 2/9/21 CY 2020

101. Question Result, ID, References Sat, RPT.RR.CONSTRUCTIONDEFECTS.R,

Question Text *Do records indicate that the operator has submitted timely and complete reports of construction defects and material failures that resulted in leaks?*

Assets Covered 88962 (1,907)

Result Notes Avista has submitted timely and complete reports of construction defects and material failures that resulted in leaks. There were none

102. Question Result, ID, References NA, RPT.RR.IMMEDREPORT.R, 191.5(a) (191.7(a))

Question Text *Do records indicate immediate notifications of incidents were made in accordance with 191.5?*

Assets Covered 88962 (1,907)

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

103. Question Result, ID, References NA, RPT.RR.INCIDENTREPORT.R, 191.15(a) (192.624(a)(1), 192.624(a)(2))

Question Text *Do records indicate reportable incidents were identified and reports were submitted to DOT on the most recent Form within the required timeframe?*

Assets Covered 88962 (1,907)

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

104. Question Result, ID, References NA, RPT.RR.INCIDENTREPORTSUPP.R, 191.15(d)

Question Text *Do records indicate accurate supplemental incident reports were filed and within the required timeframe using the most recent Form?*

Assets Covered 88962 (1,907)

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

105. Question Result, ID, References NA, RPT.RR.FAILUREANALYSIS.R,

Question Text *Do records indicate that the operator submits failure analysis reports within 5 days of completion for incidents or hazardous conditions due to construction defects or material failures?*

Assets Covered 88962 (1,907)

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

106. Question Result, ID, References NA, RPT.RR.SRCR.R, 191.23(a) (191.23(b), 191.25(a), 191.25(b), 191.25(c))

Question Text Do records indicate Safety-Related Condition Reports were filed as required?

Assets Covered 88962 (1,907)

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

107. Question Result, ID, References Sat, RPT.RR.NPMSANNUAL.R, 191.29(a) (191.29(b))

Question Text Do records indicate NPMS submissions were completed each year, on or before March 15, representing all in service, idle and retired assets as of December 31 of the previous year (excludes distribution lines and gathering lines) occurred, and that if no modifications occurred, an email was submitted stating that fact?

Assets Covered 88962 (1,907)

Result Notes NPMS Submittals 3/9/23 CY 2022, 3/4/22 CY 2021

108. Question Result, ID, References Sat, RPT.RR.PIPELINEMAPPING.R,

Question Text Do records indicate that accurate maps (or updates) are provided for pipelines operating over 250 PSIG to specifications developed by the commission and sufficient to meet the needs of first responders?

Assets Covered 88962 (1,907)

Result Notes Avista makes this submission annually to WUTC.

109. Question Result, ID, References Sat, RPT.RR.OPID.R, 191.22(a) (191.22(c), 191.22(d))

Question Text Do records indicate appropriate obtaining, and control of, Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/uprate?

Assets Covered 88962 (1,907)

Result Notes Avista's OPID number is 31232. No changes in entity, acquisition/divestiture, and construction/update/uprate?

110. Question Result, ID, References Sat, RPT.RR.DIRTREPORTS.R,

Question Text Do records indicate that the operator has submitted reports of damage to the commission using the damage information reporting tool (DIRT) within 45 days?

Assets Covered 88962 (1,907)

Result Notes Avista submits DIRT reports monthly. No damages have occurred on Avista's transmission line.

TD.ATM: Atmospheric Corrosion

111. 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 88962 (1,907)

Result Notes Avista transmission assets that are subject to atmospheric corrosion are at Gate Station 8008, Reg Station 8009, Reg Station 715, Industrial Meter Set 3415

112. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.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 88962 (1,907)

Result Notes Avista transmission assets that are subject to atmospheric corrosion are at Gate Station 8008, Reg Station 8009, Reg Station 715, Industrial Meter Set 3415. Records were adequate.

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

Question Text Is pipe that is exposed to atmospheric corrosion protected?

Assets Covered 88962 (1,907)

Result Notes Where checked, field assets were adequately wrapped at the soil-to-air interface.

TD.CPMONITOR: External Corrosion - CP Monitoring

114. Question Result, ID, References **Sat, TD.CPMONITOR.MONITORCRITERIA.R, 192.491(c) (192.463(a))**
Question Text *Do records document that the CP monitoring criteria used was acceptable?*
Assets Covered **88962 (1,907)**
Result Notes **Avista uses both -850mV "off" and 100mV shift**
115. Question Result, ID, References **Sat, TD.CPMONITOR.MONITORCRITERIA.O, 192.465(a) (192.463(a), 192.463(b), 192.463(c), Part 192, Appendix D)**
Question Text *Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?*
Assets Covered **88962 (1,907)**
Result Notes **All CP reads were done using the -850 "off" criteria. All reads were above -850mV. Reads are documented in the attachments.**
116. Question Result, ID, References **Sat, TD.CPMONITOR.TEST.R, 192.491(c) (192.465(a))**
Question Text *Do records adequately document cathodic protection monitoring tests have occurred as required?*
Assets Covered **88962 (1,907)**
Result Notes **Reviewed Avista's annual cathodic reads spreadsheet.**
117. Question Result, ID, References **Sat, TD.CPMONITOR.CURRENTTEST.R, 192.491(c) (192.465(b))**
Question Text *Do records document details of electrical checks of sources of rectifiers or other impressed current sources?*
Assets Covered **88962 (1,907)**
Result Notes **Avista has 3 rectifiers on their transmission line. Reviewed rectifier spreadsheet. Reads were taken within the required time intervals.**
118. Question Result, ID, References **Sat, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)**
Question Text *Are impressed current sources properly maintained and are they functioning properly?*
Assets Covered **88962 (1,907)**
Result Notes **Rectifiers were maintained and running properly. Reads are in the attachments.**
119. Question Result, ID, References **NA, 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 **88962 (1,907)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
120. Question Result, ID, References **NA, 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 **88962 (1,907)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
121. Question Result, ID, References **NA, 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 **88962 (1,907)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
122. 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 **88962 (1,907)**
Result Notes **Avista's cathodic spreadsheet has locations along with Avista's GIS software.**

123. Question Result, ID, References **Sat, TD.CP.MONITOR.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 **88962 (1,907)**
 Result Notes **All Avista CP test leads are installed via spec 3.12 "Test Leads" and "Cadweld procedures". None were installed in this inspection interval.**
124. Question Result, ID, References **NA, 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 **88962 (1,907)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

TD.CP: External Corrosion - Cathodic Protection

125. 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 **88962 (1,907)**
 Result Notes **All Avista pipe is cathodically protected**
126. Question Result, ID, References **NA, TD.CP.PRE1971.O, 192.457(b)**
 Question Text *Are bare or coated pipes in compressor, regulator or meter stations installed before August 1, 1971 (except for cast and ductile iron lines) cathodically protected in areas where active corrosion was found in accordance with Subpart I of Part 192?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
127. Question Result, ID, References **NA, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))**
 Question Text *Do records adequately document the re-evaluation of non-cathodically protected buried pipelines for areas of active corrosion?*
 Assets Covered **88962 (1,907)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
128. 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 **88962 (1,907)**
 Result Notes **Reviewed isolation records for Avista's transmission line.**
129. 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 **88962 (1,907)**
 Result Notes **Checked isolation at the gate station, this was the only location. Isolation was adequate. Result in the attachment's.**
130. 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 88962 (1,907)

Result Notes Reviewed Avista annual cathodic spreadsheet, casings are isolated and annually inspected.

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

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

Assets Covered 88962 (1,907)

Result Notes All casings checked were electrically isolated. Results in the attachments.

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

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

Assets Covered 88962 (1,907)

Result Notes Avista's cathodic spreadsheet has locations along with Avista's GIS software.

TD.COAT: External Corrosion - Coatings

133. Question Result, ID, References Sat, TD.COAT.NEWPIPE.R, 192.491(c) (192.455(a)(1), 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 88962 (1,907)

Result Notes MP 47 project pipe was externally coated with a suitable coating material. All of the Avista transmission line is externally coated with a suitable coating material.

TD.CPEXPOSED: External Corrosion - Exposed Pipe

134. 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 and deteriorated coating?*

Assets Covered 88962 (1,907)

Result Notes Reviewed Avista's exposed pipe condition reports for the Colville River MP 47 project. Jeep records were also checked.

135. 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 88962 (1,907)

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

136. Question Result, ID, References Sat, TD.CPEXPOSED.EXTCORRODREPAIR.R, 192.491(c) (192.485(a), 192.485(b), 192.485(c))

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 88962 (1,907)

Result Notes Avista has not found pipe that has been corroded to an extent that there is insufficient remaining wall strength. The pipe replacement at Mile Marker 47 occurred because the pipe was exposed in the bottom of Colville river and was subject to flooding or debris that could cause coating damage and lead to corrosion, but even that pipe was in relatively good condition per the exposed pipe condition reports.

TD.ICP: Internal Corrosion - Preventive Measures

137. Question Result, ID, References NA, 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 88962 (1,907)

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

138. Question Result, ID, NA, TD.ICP.EXAMINE.O, 192.475(a) (192.475(b))
References

Question Text *Is removed pipe examined for evidence of internal corrosion?*

Assets Covered 88962 (1,907)

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

139. Question Result, ID, NA, TD.ICP.EVALUATE.R, 192.491(c) (192.485(c))
References

Question Text *Do records document adequate evaluation of internally corroded pipe?*

Assets Covered 88962 (1,907)

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

140. Question Result, ID, NA, TD.ICP.REPAIRINT.R, 192.485(a) (192.485(b))
References

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 88962 (1,907)

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

TQ.PROT9: OQ Protocol 9

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

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

Assets Covered 88962 (1,907)

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

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

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

Assets Covered 88962 (1,907)

Result Notes Employees that were observed, performed covered tasks IAW company procedures.

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

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

Assets Covered 88962 (1,907)

Documents Reviewed 1. - - - - -

Result Notes Avista field staff that performed covered tasks were qualified to perform them. See attachments for OQs. Ken Gibson performed valve operation, odorant check, and pressure control. Bob Larsen and Steve Winters performed CP tasks. Jim Woods performed odorant check.

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

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

Assets Covered 88962 (1,907)

Result Notes Individuals were cognizant of AOCs.

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

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 88962 (1,907)

Result Notes Reviewed qualifications prior to field work. All employees were up to date.

TQ.OQ: Operator Qualification

146. 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 88962 (1,907)

Result Notes Reviewed OQ records for the MP 47 project. Avista staff and Contractor (NPL) staff OQs were checked, all were qualified at the time of the job.

147. 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 88962 (1,907)

Result Notes Reviewed welders weld test, also reviewed a sampling of other OQ covered employees. Also reviewed a sampling evaluations.

148. 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, re-training and re-evaluation of individuals performing covered tasks?*

Assets Covered 88962 (1,907)

Result Notes Reviewed weld tests for welders working on the MP 47 project.

149. 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 88962 (1,907)

Result Notes All Avista OQ covered tasks have associated AOCs. When field personnel is certified under a certain covered task the AOCs are included. GSM Spec. 4.31, Appendix A.

TQ.QU: Qualification of Personnel - Specific Requirements

150. 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 88962 (1,907)

Result Notes Reviewed OQs for CP technicians, all are NACE CP level 2 or higher.

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

151. Question Result, ID, References Sat, 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 88962 (1,907)

Result Notes Reviewed NDT technician(s) working on the MP 47 project. Avista used 3rd party vendor Metals Testing Services, David Rygula performed all NDT for the project. Certifications expiration May 25, 2024. This was the only NDT performed during the inspection interval.

152. 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 that welders are adequately qualified?*

Assets Covered 88962 (1,907)

Result Notes Reviewed welders tests for MP 47 project.

TQ.TR: Training of Personnel

153. Question Result, ID, References **Sat, TQ.TR.TRAINING.R, 192.615(b)(2) (192.807(a), 192.807(b))**
Question Text *Is training for emergency response personnel documented?*
Assets Covered **88962 (1,907)**
Result Notes **Reviewed Avista emergency response personnel OQs, along with attendance sheets for annual refresher training for Avista employees.**

DC.CO: Construction

154. Question Result, ID, References **Sat, DC.DPC.CCROTTOATLOWER.R, 192.143(b) (192.461(c))** (also presented in: DC.DPC)
Question Text *Do records indicate that each pipe segment with external protective coating was inspected just prior to lowering into the ditch and backfilling, and any damage detrimental to effective corrosion control was repaired?*
Assets Covered **88962 (1,907)**
Result Notes **Reviewed Exposed pipe condition report for Colville River MP 47 project. Jeep records were also checked for the project.**

DC.SPT: Spike Hydrotest

155. Question Result, ID, References **Sat, DC.PT.PRESSTESTENVIRON.R, 192.515(b) (192.629(a), 192.629(b))** (also presented in: DC.PT, DC.PTLOWPRESS)
Question Text *Do records indicate while conducting tests under Subpart J – Test Requirements, the test medium disposal was conducted in a manner that minimized damage to the environment?*
Assets Covered **88962 (1,907)**
Result Notes **Colville River project pipe was tested with Nitrogen. Vented to atmosphere**
156. Question Result, ID, References **NA, DC.PT.PRESSTESTENVIRON.O, 192.515(b) (192.629(a), 192.629(b))** (also presented in: DC.PT, DC.PTLOWPRESS)
Question Text *Do field observations confirm while conducting tests under Subpart J – Test Requirements, the test medium was disposed of in an environmentally sound manner?*
Assets Covered **88962 (1,907)**
Result Notes **No such activity/condition was observed during the inspection.**
157. Question Result, ID, References **NA, DC.PT.PRESSTESTSAFETY.R, 192.515(a) (192.629(a), 192.629(b))** (also presented in: DC.PT, DC.PTLOWPRESS)
Question Text *Do records indicate while conducting tests under Subpart J – Test Requirements, every reasonable precaution was taken to protect its employees and the general public throughout the testing?*
Assets Covered **88962 (1,907)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
158. Question Result, ID, References **NA, DC.PT.PRESSTESTSAFETY.O, 192.515(a) (192.629(a), 192.629(b))** (also presented in: DC.PT, DC.PTLOWPRESS)
Question Text *Do field observations confirm while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing?*
Assets Covered **88962 (1,907)**
Result Notes **No such activity/condition was observed during the inspection.**
159. Question Result, ID, References **Sat, DC.PT.PRESSTESTRECORD.R, 192.517(a) (192.517(b))** (also presented in: DC.PT, DC.PTLOWPRESS)
Question Text *Do records indicate creation and retention of a record for each Subpart J test performed for the required duration?*
Assets Covered **88962 (1,907)**
Result Notes **Reviewed pressure test wheels for the project, 8+ hours on the 800' of replaced pipe, 10' of tie-in tested at 14+ hours, South side tie in 13' tested at 14+ hours. All test were at 800psig. Avista also has pressure tests from when the pipe was installed in 1966.**

DC.PTLOWPRESS: Pressure Testing - Low Pressure

160. Question Result, ID, [Sat, DC.PT.PRESSTEST.R, 192.503\(a\) \(192.503\(b\), 192.503\(c\), 192.503\(d\), 192.503\(e\)\)](#) (also presented References in: DC.PT)
 Question Text *Do records indicate that pressure testing is conducted in accordance with 192.503?*
 Assets Covered [88962 \(1,907\)](#)
 Result Notes [Reviewed pressure test wheels for the project at MP 47, 8+ hours on the 800' of replaced pipe, 10' of tie-in tested at 14+ hours, South side tie in 13' tested at 14+ hours. All test were at 800psig.](#)
161. Question Result, ID, [NA, DC.PT.PRESSTEST.O, 192.503\(a\) \(192.503\(b\), 192.503\(c\), 192.503\(d\), 192.503\(e\)\)](#) (also presented References in: DC.PT)
 Question Text *Is pressure testing conducted in accordance with 192.503?*
 Assets Covered [88962 \(1,907\)](#)
 Result Notes [No such activity/condition was observed during the inspection.](#)
162. Question Result, ID, [Sat, DC.PT.PRESSTESTENVIRON.R, 192.515\(b\) \(192.629\(a\), 192.629\(b\)\)](#) (also presented in: DC.PT, References DC.SPT)
 Question Text *Do records indicate while conducting tests under Subpart J – Test Requirements, the test medium disposal was conducted in a manner that minimized damage to the environment?*
 Assets Covered [88962 \(1,907\)](#)
 Result Notes [Colville River project pipe was tested with Nitrogen. Vented to atmosphere](#)
163. Question Result, ID, [NA, DC.PT.PRESSTESTENVIRON.O, 192.515\(b\) \(192.629\(a\), 192.629\(b\)\)](#) (also presented in: DC.PT, References DC.SPT)
 Question Text *Do field observations confirm while conducting tests under Subpart J – Test Requirements, the test medium was disposed of in an environmentally sound manner?*
 Assets Covered [88962 \(1,907\)](#)
 Result Notes [No such activity/condition was observed during the inspection.](#)
164. Question Result, ID, [NA, DC.PT.PRESSTESTSAFETY.R, 192.515\(a\) \(192.629\(a\), 192.629\(b\)\)](#) (also presented in: DC.PT, References DC.SPT)
 Question Text *Do records indicate while conducting tests under Subpart J – Test Requirements, every reasonable precaution was taken to protect its employees and the general public throughout the testing?*
 Assets Covered [88962 \(1,907\)](#)
 Result Notes [No such event occurred, or condition existed, in the scope of inspection review.](#)
165. Question Result, ID, [NA, DC.PT.PRESSTESTSAFETY.O, 192.515\(a\) \(192.629\(a\), 192.629\(b\)\)](#) (also presented in: DC.PT, References DC.SPT)
 Question Text *Do field observations confirm while conducting tests under Subpart J – Test Requirements, every reasonable precaution is taken to protect its employees and the general public throughout the testing?*
 Assets Covered [88962 \(1,907\)](#)
 Result Notes [No such activity/condition was observed during the inspection.](#)
166. Question Result, ID, [Sat, DC.PT.PRESSTESTRECORD.R, 192.517\(a\) \(192.517\(b\)\)](#) (also presented in: DC.PT, DC.SPT)
 Question Text *Do records indicate creation and retention of a record for each Subpart J test performed for the required duration?*
 Assets Covered [88962 \(1,907\)](#)
 Result Notes [Reviewed pressure test wheels for the project, 8+ hours on the 800' of replaced pipe, 10' of tie-in tested at 14+ hours, South side tie in 13' tested at 14+ hours. All test were at 800psig. Avista also has pressure tests from when the pipe was installed in 1966.](#)

MO.GOCLASS: Gas Pipeline Class Location

167. Question Result, ID, [Sat, MO.GO.CONTSURVEILLANCE.R, 192.709\(c\) \(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 [88962 \(1,907\)](#)
 Result Notes [Reviewed patrolling reports for continuing surveillance documentation. Avista found one segment of pipeline at Mile Marker 47 that was exposed at the bottom of the Colville River. There was no immediate hazard present, this segment was replaced in 2021.](#)

168. Question Result, ID, **NA, MO.GO.CONTSURVEILLANCE.O**, 192.613(a) (192.613(b), 192.703(a), 192.703(b), 192.703(c)) (also References 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 **88962 (1,907)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

MO.GM: Gas Pipeline Maintenance

169. Question Result, ID, **NA, FS.FG.VAULTINSPECT.R**, 192.709(c) (192.749(a), 192.749(b), 192.749(c), 192.749(d)) (also References presented in: FS.FG)
Question Text *Do records document the adequacy of inspections of all vaults having an internal volume =200 cubic feet (5.66 cubic meters) that house pressure regulating/limiting equipment?*
Assets Covered **88962 (1,907)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

No vaults ≥200 cubic feet

MO.GMOPP: Gas Pipeline Overpressure Protection

170. Question Result, ID, **Sat, MO.GM.RECORDS.R**, 192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c)) (also References presented in: MO.GM)
Question Text *Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?*
Assets Covered **88962 (1,907)**
Result Notes **Reviewed multiple records for the Colville River project at MP 47. Also reviewed others.**

PD.PA: Public Awareness

171. Question Result, ID, **Sat, EP.ERG.LIAISON.R**, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03) (also presented in: EP.ERG)
Question Text *Do records indicate that liaison has been established and maintained with appropriate fire, police, public officials, and utility owners?*
Assets Covered **88962 (1,907)**
Result Notes **Reviewed Avista's Liaison with Public Officials lists. Liaisons have been established and maintained with appropriate fire, police, public officials, and utility owners.**

PD.RW: ROW Markers, Patrols, Monitoring

172. Question Result, ID, References **Sat, MO.RW.PATROL.R**, 192.709(c) (192.705(a), 192.705(b), 192.705(c)) (also presented in: MO.RW)
Question Text *Do records indicate that ROW surface conditions have been patrolled as required?*
Assets Covered **88962 (1,907)**
Result Notes **Reviewed Avista patrol records.**
173. Question Result, ID, References **Sat, MO.RW.ROWMARKER.O**, 192.707(a) (192.707(b), 192.707(c), 192.707(d)) (also presented in: MO.RW)
Question Text *Are line markers placed and maintained as required?*
Assets Covered **88962 (1,907)**
Result Notes **Yes, adequate markers**
174. Question Result, ID, References **Sat, MO.RW.ROWCONDITION.O**, 192.705(a) (192.705(c)) (also presented in: MO.RW)
Question Text *Are the ROW conditions acceptable for the type of patrolling used?*
Assets Covered **88962 (1,907)**
Result Notes **Avista uses aerial, walking, and driving**

TD.CPMONITOR: External Corrosion - CP Monitoring

175. Question Result, ID, [Sat, TD.CP.RECORDS.R, 192.491\(a\) \(192.491\(b\), 192.491\(c\)\)](#) (also presented in: TD.CP, References [TD.CPEXPOSED](#))

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

Assets Covered [88962 \(1,907\)](#)

Result Notes [Avista's cathodic spreadsheet has locations along with Avista's GIS software.](#)

TD.CPEXPOSED: External Corrosion - Exposed Pipe

176. Question Result, ID, [Sat, TD.CP.RECORDS.R, 192.491\(a\) \(192.491\(b\), 192.491\(c\)\)](#) (also presented in: TD.CP, References [TD.CPMONITOR](#))

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

Assets Covered [88962 \(1,907\)](#)

Result Notes [Avista's cathodic spreadsheet has locations along with Avista's GIS software.](#)

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