

Inspection Output (IOR)

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Report Filters

Assets Avista Utilities Corp - (HQ) / 88960 (83)

Results All

Inspection Information

Inspection Name	8574 - Avista TIMP	Operator(s)	AVISTA CORP (31232)	Plan Submitted	01/19/2023	
	Status	PLANNED	Lead	Scott Anderson	Plan Approval	01/19/2023 by Dennis Ritter
	Start Year	2023	Team Members	David Cullom, Lex Vinsel, Anthony Dorrough, Derek Norwood	All Activity Start	05/08/2023
	System Type	GT	Observer(s)	John Trier	All Activity End	05/10/2023
	Protocol Set ID	WA.GT.2022.02	Supervisor	Dennis Ritter	Inspection Submitted	--
			Director	Scott Rukke	Inspection Approval	--

Inspection Summary

NOTE: Inspection Set up/pre plan analysis is not used for this type of WA intrastate inspection. DER 1/19/23

Inspection Scope and Summary

This inspection consisted of a review of records and procedures for Avista's TIMP program. Avista operates an 8" transmission pipeline beginning in North Spokane and ending at the Kettle Falls Co-generation plant.

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

Scope (Assets)

Short # Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1. 88960 (83)	Avista Utilities Corp - (HQ)	unit	88960	Compressor Stations Bottle/Pipe - Holders Vault Service Line Gas Storage Field (Aboveground) Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric Plastic Pipe AMAOP CDA Abandoned	160	160	160	160	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. 88960 (83)	GT IM Implementation, GT IM	AR, CR, DC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, UNGS, 114, GENERIC	P, R	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. P	--	05/08/2023	05/10/2023	GT IM Implementation, GT IM	AR, CR, DC, EP, FS, IM, MO, PD, RPT, SRN, TD, TQ, UNGS, 114, GENERIC	88960 (83)	all types	160	160	160	160	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 TIMP	COMPLETED	05/15/2023	Avista TIMP	88960 (83)

Results (all values, 160 results)

AR.CDA: Confirmatory Direct Assessment

1. Question Result, ID, References **NA, AR.CDA.CDACORR.P, 192.933 (192.917(e)(5))**
 Question Text *Does the process adequately account for taking required actions to address significant corrosion threats identified using confirmatory direct assessment?*
 Assets Covered **88960 (83)**
 Result Notes **No such requirement existed in the scope of inspection review.**

Avista TIMP Manual section 4.3.8

2. Question Result, ID, References **NA, AR.CDA.CDACORR.R, 192.933 (192.917(e)(5))**
 Question Text *Do records demonstrate that required actions are being taken to address significant corrosion threats identified by CDA as required?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

AR.EC: External Corrosion Direct Assessment (ECDA)

3. Question Result, ID, References **Sat, AR.EC.ECDAREVQUAL.P, 192.915(a) (192.915(b))**
 Question Text *Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ECDA assessment results meet appropriate training, experience, and qualification criteria?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual section 12.5.3, E&RP #1**
4. Question Result, ID, References **NA, AR.EC.ECDAPREASSESS.R, 192.947(g) (192.925(b)(1))**
 Question Text *Do records demonstrate that the ECDA pre-assessment process complied with NACE SP0502-2010 Section 3 and 192.925(b)(1)?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
5. Question Result, ID, References **NA, AR.EC.ECDAREVQUAL.R, 192.947(g) (192.915(a), 192.915(b))**
 Question Text *Do records demonstrate that operator/vendor personnel, including supervisors, who conduct ECDA assessments or review and analyze assessment results are qualified for the tasks they perform?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
6. Question Result, ID, References **Sat, AR.EC.ECDAPLAN.P, 192.925(a) (192.925(b))**
 Question Text *Is an adequate ECDA plan and process in place for conducting ECDA?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual section 4.3.5**
7. Question Result, ID, References **Sat, AR.EC.ECDAINTEGRATION.P, 192.917(b) (ASME B31.8S-2004 Section 4.5)**

Question Text *Is the process for integrating ECDA results with other information adequate?*

Assets Covered 88960 (83)

Result Notes Avista TIMP Manual section 1.1.2 Integrity Management Principles, section 4.4.1 Guided Wave UT Plan

Avista uses 2 software's, Dynamic Risk Assessment Systems, Inc.'s (DRAS) and Integrated Risk Assessment Software system (IRAS)

8. Question Result, ID, References NA, AR.EC.ECDAINTEGRATION.R, 192.947(g) (192.917(b))

Question Text *Do records demonstrate that the operator integrated other data/information when evaluating data/results?*

Assets Covered 88960 (83)

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

9. Question Result, ID, References NA, AR.EC.ECDAREGION.R, 192.947(g) (192.925(b)(1))

Question Text *Do records demonstrate that the operator identified ECDA Regions?*

Assets Covered 88960 (83)

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

10. Question Result, ID, References NA, AR.EC.ECDAINDIRECT.R, 192.947(g) (192.925(b)(2))

Question Text *Do records demonstrate that ECDA indirect inspection process complied with NACE SP 0502-2010 Section 4 and ASME B31.8S-2004, Section 6.4?*

Assets Covered 88960 (83)

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

11. Question Result, ID, References NA, AR.EC.ECDADIRECT.R, 192.947(g) (192.925(b)(3))

Question Text *Do records demonstrate that excavations, direct examinations, and data collection were performed in accordance with NACE SP 0502-2010, Sections 5 and 6.4.2 and ASME B31.8S-2004, Section 6.4?*

Assets Covered 88960 (83)

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

12. Question Result, ID, References NA, AR.EC.ECDAPLANMOC.R, 192.947(g) (192.925(b)(3)(iii))

Question Text *Do records demonstrate that changes in the ECDA plan have been implemented and documented?*

Assets Covered 88960 (83)

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

13. Question Result, ID, References NA, AR.EC.ECDAPOSTASSESS.R, 192.947(g) (192.925(b)(4))

Question Text *Do records demonstrate that the requirements for post-assessment were met?*

Assets Covered 88960 (83)

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

14. Question Result, ID, References Sat, AR.EC.ECCORR.P, 192.933 (192.917(e)(5))

Question Text *Does the process adequately account for taking required actions to address significant external corrosion threats?*

Assets Covered 88960 (83)

Result Notes Avista TIMP Manual section 6.3, 8.2.4

15. Question Result, ID, References NA, AR.EC.ECCORR.R, 192.933 (192.917(e)(5))

Question Text *Do records demonstrate that required actions are being taken to address significant external corrosion threats as required?*

Assets Covered 88960 (83)

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

AR.IC: Internal Corrosion Direct Assessment (ICDA)

16. Question Result, ID, References **Sat, AR.IC.ICDAREVQUAL.P, 192.915(a) (192.915(b))**
 Question Text *Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ICDA assessment results meet appropriate training, experience, and qualification criteria?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual section 12.5 Training and Qualification Requirements**
17. Question Result, ID, References **NA, AR.IC.ICDAREVQUAL.R, 192.947(g) (192.915(a), 192.915(b))**
 Question Text *Do records demonstrate that operator/vendor personnel, including supervisors, who conduct ICDA assessments or review and analyze assessment results, are qualified for the tasks they perform?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
18. Question Result, ID, References **NA, AR.IC.ICDAPLAN.P, 192.927(c) (192.927(a), 192.927(b))**
 Question Text *Is an ICDA plan and process in place for conducting ICDA?*
 Assets Covered **88960 (83)**
 Result Notes **No such requirement existed in the scope of inspection review.**

Avista TIMP Manual section 4.3.6
19. Question Result, ID, References **NA, AR.IC.ICDAPREASSESS.R, 192.927(c)(1) (192.947(g))**
 Question Text *Do records demonstrate that the requirements for an ICDA pre-assessment were met?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
20. Question Result, ID, References **NA, AR.IC.ICDAINTEGRATION.P, 192.917(b)**
 Question Text *Is the process for integrating ICDA results with other information adequate?*
 Assets Covered **88960 (83)**
 Result Notes **No such requirement existed in the scope of inspection review.**

Avista TIMP Manual section 4.3.6
21. Question Result, ID, References **NA, AR.IC.ICDAINTEGRATION.R, 192.917(b) (192.947(g))**
 Question Text *Do records demonstrate that other data/information was integrated when evaluating data/results?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
22. Question Result, ID, References **NA, AR.IC.ICDAREGION.R, 192.947(g) (192.927(c)(2), 192.927(c)(5))**
 Question Text *Do records demonstrate that ICDA Regions were adequately identified?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
23. Question Result, ID, References **NA, AR.IC.ICDAPOSTASSESS.R, 192.947(g) (192.927(c)(4)(i), 192.927(c)(4)(ii), 192.477)**
 Question Text *Do records demonstrate that the operator assessed the effectiveness of the ICDA process?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
24. Question Result, ID, References **NA, AR.IC.ICCORR.P, 192.933 (192.917(e)(5))**
 Question Text *Does the process adequately account for taking required actions to address significant internal corrosion threats related to internal corrosion?*
 Assets Covered **88960 (83)**
 Result Notes **No such requirement existed in the scope of inspection review.**

Avista TIMP Manual section 4.3.6

25. Question Result, ID, References **NA, AR.IC.ICCORR.R, 192.933 (192.917(e)(5))**
Question Text *Do records demonstrate that required actions are being taken to address significant internal corrosion threats as required?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

AR.SCC: Stress Corrosion Cracking Direct Assessment (SCCDA)

26. Question Result, ID, References **Sat, AR.SCC.SCCDAREVQUAL.P, 192.915(a) (192.915(b))**
Question Text *Does the process require that operator/vendor personnel (including supervisors) who review and evaluate SCCDA assessment results meet appropriate training, experience, and qualification criteria?*
Assets Covered **88960 (83)**
Result Notes **Avista TIMP Manual 12.5 Training and Qualification Requirements**
27. Question Result, ID, References **NA, AR.SCC.SCCDAREVQUAL.R, 192.947(e) (192.915(a), 192.915(b))**
Question Text *Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results, are qualified for the tasks they perform?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
28. Question Result, ID, References **NA, AR.SCC.SCCDAPLAN.P, 192.929(b)**
Question Text *Is an adequate plan developed for performing SCCDA, if the conditions for SCC were present?*
Assets Covered **88960 (83)**
Result Notes **No such requirement existed in the scope of inspection review.**

Avista TIMP Manual section 4.3.7

29. Question Result, ID, References **NA, AR.SCC.SCCDADATA.R, 192.947(g) (192.929(b)(1))**
Question Text *Do records demonstrate that data was collected and evaluated?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
30. Question Result, ID, References **NA, AR.SCC.SCCDAMETHOD.R, 192.947(g) (192.929(b)(2))**
Question Text *Do records demonstrate that an assessment was performed using one of the methods specified in ASME B31.8S-2004 Appendix A3?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
31. Question Result, ID, References **NA, AR.SCC.SCCDANEARNEUTRAL.R, 192.947(g) (192.929(b)(2))**
Question Text *From the review of the results of selected integrity assessments, was the pipeline evaluated for near neutral SCC?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
32. Question Result, ID, References **NA, AR.SCC.SCCDAREASSESSINTRVL.R, 192.947(d) (192.939(a)(3))**
Question Text *From the review of the results of selected integrity assessments, did the operator determine a reassessment interval based on SCCDA results?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

33. Question Result, ID, References **NA, AR.SCC.SCCCORR.P, 192.933 (192.917(e)(5))**
Question Text *Does the process adequately account for taking required actions to address significant corrosion threats found following SCCDA?*
Assets Covered **88960 (83)**
Result Notes **No such requirement existed in the scope of inspection review.**

Avista TIMP Manual section 4.3.7

34. Question Result, ID, References **NA, AR.SCC.SCCCORR.R, 192.933 (192.917(e)(5))**
Question Text *Do records demonstrate that required actions are being taken to address significant corrosion threats as required following SCCDA?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

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

35. Question Result, ID, References **Sat, AR.IL.ILIREVIEWQUAL.P, 192.915(a) (192.915(b), 192.493)**
Question Text *Does the process require that operator/vendor personnel (including supervisors) who review and evaluate ILI assessment results meet appropriate training, experience, and qualification criteria?*
Assets Covered **88960 (83)**
Result Notes **Avista TIMP Manual 12.5 Training and Qualification Requirements**

36. Question Result, ID, References **NA, AR.IL.ILIREVIEWQUAL.R, 192.947(g) (192.915(a), 192.915(b), 192.493)**
Question Text *Do records demonstrate that personnel who conduct assessments or review assessment results are qualified per the process requirements?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

37. Question Result, ID, References **Sat, AR.IL.ILISPECS.P, 192.921(a)(1) (192.933(b), 192.493, 192.18)**
Question Text *Does the process assure complete and adequate vendor ILI specifications?*
Assets Covered **88960 (83)**
Result Notes **Avista's transmission line is not piggable. Avista TIMP Manual section 4.2; Assessment & Remediation Practice #4 – In-line Inspection Practice**

38. Question Result, ID, References **NA, AR.IL.ILISPECS.R, 192.947(g) (192.933(b), 192.493)**
Question Text *Do records demonstrate that the ILI specifications were complete and adequate?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

39. Question Result, ID, References **Sat, AR.IL.ASSESSMETHOD.P, 192.919(b) (192.921(a), 192.937(c), 192.917, 192.493, 192.506)**
Question Text *Does the process specify the assessment methods that are appropriate for the pipeline specific integrity threats?*
Assets Covered **88960 (83)**
Result Notes **Avista TIMP Manual section 4.1**

40. Question Result, ID, References **NA, AR.IL.ASSESSMETHOD.R, 192.947 (192.919(b), 192.921(a), 192.937(c))**
Question Text *Do records demonstrate that the assessment methods shown in the baseline and/or continual assessment plan were appropriate for the pipeline specific integrity threats?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

41. Question Result, ID, References **Sat, AR.IL.ILIVALIDATE.P, 192.921(a)(1) (192.937(c), 192.493)**

Question Text *Does the process for validating ILI results ensure that accurate integrity assessment results are obtained?*
Assets Covered 88960 (83)
Result Notes Avista TIMP Manual Section 4.2; E&RP #4 – In-Line-Inspection Practice

42. Question Result, ID, References NA, AR.IL.ILIVALIDATE.R, 192.947 (192.921(a)(1), 192.493)
Question Text *Do records demonstrate that the operator has validated ILI assessment results per their process?*
Assets Covered 88960 (83)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

43. Question Result, ID, References Sat, AR.IL.ILIINTEGRATION.P, 192.917(b) (192.493)
Question Text *Is the process for integrating ILI results with other information adequate?*
Assets Covered 88960 (83)
Result Notes Avista TIMP Manual Section 1.1.2; E&RP #4 – In-Line-Inspection Practice

44. Question Result, ID, References NA, AR.IL.ILIINTEGRATION.R, 192.947 (192.917(b), 192.493)
Question Text *Do records demonstrate that the operator integrated other data/information when evaluating tool data/results?*
Assets Covered 88960 (83)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

45. Question Result, ID, References Sat, AR.IL.ILIACCEPCRITERIA.P, 192.921(a) (192.493)
Question Text *Is the process for ILI survey acceptance criteria adequate to assure an effective assessment?*
Assets Covered 88960 (83)
Result Notes Avista TIMP Manual Section 4.2; E&RP #4 – In-Line-Inspection Practice

46. Question Result, ID, References NA, AR.IL.ILIACCEPCRITERIA.R, 192.947 (192.921(a), 192.493)
Question Text *Do records indicate adequate implementation of the process for ILI survey acceptance?*
Assets Covered 88960 (83)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

47. Question Result, ID, References NA, AR.IL.ILIDELAY.R, 192.947(d) (192.909(a), 192.909(b), 192.943(a), 192.943(b), 190.341, 192.18)
Question Text *Do records indicate that the performance of integrity assessments has been delayed and integrity assessment delays have been justified?*
Assets Covered 88960 (83)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

48. Question Result, ID, References Sat, AR.IL.ILCORR.P, 192.933 (192.917(e)(5))
Question Text *Does the process adequately account for taking required actions to address significant corrosion threats identified during in-line inspections?*
Assets Covered 88960 (83)
Result Notes Avista TIMP Manual Section 6.3.1 – Definition of Immediate Conditions; Section 6.0

49. Question Result, ID, References NA, AR.IL.ILCORR.R, 192.933 (192.917(e)(5))
Question Text *Do records demonstrate that required actions are being taken to address significant corrosion threats identified during in-line inspections?*
Assets Covered 88960 (83)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

AR.LSR: Low Stress Reassessment

50. Question Result, ID, References Sat, AR.LSR.LSRPLAN.P, 192.941(a) (192.941(b), 192.941(c))
Question Text *Is the process for performing low stress reassessment adequate?*

Assets Covered 88960 (83)
Result Notes Avista TIMP Manual section 7.2.1

51. Question Result, ID, References NA, AR.LSR.LSRBA.R, 192.947(d) (192.919(c), 192.921(d), 192.941(a), 192.506)
Question Text *Do records demonstrate that a baseline assessment meeting the requirements of 192.919 and 192.921 was performed prior to performing a low stress reassessment?*
Assets Covered 88960 (83)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
52. Question Result, ID, References NA, AR.LSR.LSREXTCORR.R, 192.947(d) (192.941(b))
Question Text *Do records demonstrate that the requirements of 192.941(b) were implemented when performing low stress reassessment for external corrosion?*
Assets Covered 88960 (83)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
53. Question Result, ID, References NA, AR.LSR.LSRINTCORR.R, 192.947(d) (192.941(c))
Question Text *Do records demonstrate that the requirements of 192.941(c) were implemented when performing low stress reassessment for internal corrosion?*
Assets Covered 88960 (83)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
54. Question Result, ID, References Sat, AR.LSR.LSRCORR.P, 192.933 (192.917(e)(5))
Question Text *Does the process adequately account for taking required actions to address significant corrosion threats following a LSR?*
Assets Covered 88960 (83)
Result Notes Avista TIMP Manual section 6.3.1
55. Question Result, ID, References NA, AR.LSR.LSRCORR.R, 192.933 (192.917(e)(5))
Question Text *Do records demonstrate that required actions are being taken to address significant corrosion threats as required following a LSR?*
Assets Covered 88960 (83)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

AR.PTI: Integrity Assessment Via Pressure Test

56. Question Result, ID, References Sat, AR.PTI.PRESSTESTREVQUAL.P, 192.915(a) (192.915(b), 192.921(a)(4))
Question Text *Does the process require that operator/vendor personnel (including supervisors) who review and evaluate pressure test assessment results meet appropriate training, experience, and qualification criteria?*
Assets Covered 88960 (83)
Result Notes Avista TIMP Manual section 12.5
57. 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 88960 (83)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
58. Question Result, ID, References Sat, AR.PTI.PRESSTESTACCEP.P, 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), 192.921(a)(2))
Question Text *Were test acceptance criteria and processes sufficient to assure the basis for an acceptable pressure test?*
Assets Covered 88960 (83)
Result Notes Avista TIMP Manual section 4.3; E&RP #4

59. Question Result, ID, **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 **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
60. Question Result, ID, **Sat, AR.PTI.PTICORR.P, 192.933 (192.917(e)(5))**
 Question Text *Does the process adequately account for taking required actions to address significant corrosion threats?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual section 6.3.1**
61. Question Result, ID, **NA, AR.PTI.PTICORR.R, 192.933 (192.917(e)(5))**
 Question Text *Do records demonstrate that required actions are being taken to address significant corrosion threats as required?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

AR.OT: Other Technology

62. Question Result, ID, **Sat, AR.OT.OTPLAN.P, 192.921(a)(4) (192.18)**
 Question Text *Has a process been developed for "other technologies" that provide an equivalent understanding of the condition of the pipe?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual section 4.1.1**
63. Question Result, ID, **NA, AR.OT.OTPLAN.R, 192.947(d) (192.921(a)(4), 192.933(b))**
 Question Text *Do records demonstrate that the assessments were performed in accordance with the process and vendor recommendations and that defects were identified and categorized within 180 days, if applicable?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
64. Question Result, ID, **Sat, AR.OT.OTREVQUAL.P, 192.915(a) (192.915(b), 192.921(a)(7), 192.493)**
 Question Text *Does the process require that operator/vendor personnel (including supervisors) who review and evaluate assessment results meet acceptable qualification standards?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual section 12.5**
65. Question Result, ID, **NA, AR.OT.OTREVQUAL.R, 192.947(d) (192.915(a), 192.915(b))**
 Question Text *Do records demonstrate that operator/vendor personnel, including supervisors, who conduct assessments or review assessment results are qualified for the tasks they perform?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
66. Question Result, ID, **Sat, AR.OT.OTCORR.P, 192.933 (192.917(e)(5))**
 Question Text *Does the process adequately account for taking required actions to address significant corrosion threats identified using Other Technology?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual section 6.3.1**
67. Question Result, ID, **NA, AR.OT.OTCORR.R, 192.933 (192.917(e)(5))**
 Question Text *Do records demonstrate that required actions are being taken to address significant corrosion threats as required following the use of Other Technology?*

Assets Covered 88960 (83)

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

AR.RC: Repair Criteria (HCA)

68. Question Result, ID, References Sat, AR.RC.DISCOVERY.P, 192.933(b)

Question Text *Does the integrity assessment process properly define discovery and the required time frame?*

Assets Covered 88960 (83)

Result Notes Avista TIMP Manual section 6.2

69. Question Result, ID, References NA, AR.RC.DISCOVERY.R, 192.947(f) (192.933(b))

Question Text *Do records demonstrate that discovery was declared in the required time frame or justification was documented?*

Assets Covered 88960 (83)

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

70. Question Result, ID, References Sat, AR.RC.IMPRC.P, 192.933(a) (192.933(c), 192.933(d), 192.18)

Question Text *Does the Integrity Management Plan and/or maintenance processes include all of the actions that must be taken to address integrity issues in accordance with 192.933?*

Assets Covered 88960 (83)

Result Notes Avista TIMP Manual section 6.0

71. Question Result, ID, References NA, AR.RC.PRESSREDUCE.R, 192.947(f) (192.933(a)(1), 192.18)

Question Text *Do records demonstrate that an acceptable pressure reduction was promptly taken for each immediate repair condition or when a repair schedule could not be met?*

Assets Covered 88960 (83)

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

72. Question Result, ID, References Sat, AR.RC.CRITERIA.P, 192.711(b) (192.703(a), 192.703(b), 192.703(c), 192.713(a), 192.713(b))

Question Text *Does the repair process cover all of the elements for making repairs in covered segments?*

Assets Covered 88960 (83)

Result Notes Avista TIMP Manual section 6.0

73. Question Result, ID, References NA, AR.RC.SCHEDULEIMPL.R, 192.947(f) (192.933(d))

Question Text *Do records demonstrate that defects in covered segments were remediated (i.e., repair, pressure reduction, or notification to PHMSA) within the applicable mandatory time limits of 192.933(d)?*

Assets Covered 88960 (83)

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

74. Question Result, ID, References Sat, AR.RC.LOOKBEYOND.P, 192.917(e)(5)

Question Text *Does the process require an evaluation of all pipeline segments with similar environmental and material coating conditions as segments where corrosion that could adversely affect the integrity of the pipeline was found?*

Assets Covered 88960 (83)

Result Notes Avista TIMP Manual section 8.2.6

75. Question Result, ID, References NA, AR.RC.LOOKBEYOND.R, 192.947(b) (192.917(e)(5), 192.459)

Question Text *From the review of the results of integrity assessments, were all pipeline segments evaluated with similar environmental and material coating conditions as segments where corrosion that could adversely affect the integrity of the pipeline was found?*

Assets Covered 88960 (83)

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

AR.RMP: Repair Methods and Practices

76. Question Result, ID, References **Sat, AR.RMP.CRACKNDT.P, 192.929(b) (ASME B31.8S-2004 Appendix A3.4)**
Question Text *Does the process require that when a pipeline segment that meets the conditions for cracking and/or possible SCC is exposed (i.e., the coating is removed), an NDE method (e.g., MPI, UT) is employed to evaluate for cracking?*
Assets Covered **88960 (83)**
Result Notes **Avista TAMP Manual E&RP #1**
77. Question Result, ID, References **NA, AR.RMP.CRACKNDT.R, 192.947(g) (192.929(b))**
Question Text *From the review of records, when a pipeline segment that meets the conditions of possible cracking and/or SCC is exposed (i.e., the coating is removed), was an NDE method (e.g., MPI, UT) employed to evaluate for cracking and/or SCC?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

IM.HC: High Consequence Areas

78. Question Result, ID, References **Sat, IM.HC.HCAID.P, 192.905(a)**
Question Text *Does the process include the methods defined in 192.903 High Consequence Area (Method 1) and/or 192.903 High Consequence Area (Method 2) to be applied to each pipeline for the identification of high consequence areas?*
Assets Covered **88960 (83)**
Result Notes **Avista TAMP Manual section 2.1.1. Method 2 is used**
79. Question Result, ID, References **Sat, IM.HC.HCAID.R, 192.947(d) (192.905(a), 192.907(a), 192.911(a))**
Question Text *Do records demonstrate that the identification of pipeline segments in high consequence areas was completed in accordance with process requirements?*
Assets Covered **88960 (83)**
Result Notes **Avista does not have any HCAs on their transmission line. Reviewed patrol records. Avista staff also uses an app to do house and building counts for any new structures along their pipeline, this is completed annually.**
80. Question Result, ID, References **NA, IM.HC.HCAMETHOD1.P, 192.903(1)(i) (192.903(1)(ii), 192.903(1)(iii), 192.903(1)(iv))**
Question Text *Is the integrity management process adequate for identification of 192.903 High Consequence Areas using Method (1) for identification of HCAs?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review. Avista does not utilize method 1.**
81. Question Result, ID, References **Sat, IM.HC.HCAMETHOD2.P, 192.903(2)(i) (192.903(2)(ii))**
Question Text *Is the integrity management process adequate for identification of 192.903 High Consequence Areas using Method (2)?*
Assets Covered **88960 (83)**
Result Notes **Avista TAMP Manual section 2.1.1**
82. Question Result, ID, References **Sat, IM.HC.HCANEW.P, 192.905(c)**
Question Text *Does the process include a requirement for evaluation of new information that impacts, or creates a new, high consequence area?*
Assets Covered **88960 (83)**
Result Notes **Avista TAMP Manual section 2.3.1**
83. Question Result, ID, References **Sat, IM.HC.HCANEW.R, 192.947(d) (192.905(c))**
Question Text *Do records demonstrate new information that impacts, or creates a new, high consequence area has been integrated with the integrity management program?*

Assets Covered 88960 (83)

Result Notes Avista does not have any HCAs on their transmission line. Reviewed patrol records. Avista staff also uses an app to do house and building counts for any new structures along their pipeline.

84. Question Result, ID, References Sat, IM.HC.HCAPIR.P, 192.903 (192.905(a))

Question Text *Is the process for defining and applying potential impact radius (PIR) for establishment of high consequence areas consistent with the requirements of 192.903?*

Assets Covered 88960 (83)

Result Notes Avista TIMP Manual section 2.1.1. Method 2 is used

85. Question Result, ID, References Sat, IM.HC.HCAPIR.R, 192.947(d) (192.903, 192.905(a))

Question Text *Do records demonstrate the use of potential impact radius (PIR) for establishment of high consequence areas consistent with requirements of 192.903?*

Assets Covered 88960 (83)

Result Notes Avista does not have any HCAs on their transmission line. Reviewed patrol records. Avista staff also uses an app to do house and building counts for any new structures along their pipeline.

86. Question Result, ID, References Sat, IM.HC.HCASITES.P, 192.903 (192.905(b))

Question Text *Does the process for identification of identified sites include the sources listed in 192.905(b) for those buildings or outside areas meeting the criteria specified by 192.903 and require the source(s) of information selected to be documented?*

Assets Covered 88960 (83)

Result Notes Avista TIMP Manual section 2.1.1; section 2.3.1

87. Question Result, ID, References Sat, IM.HC.HCASITES.R, 192.947(d) (192.903, 192.905(b))

Question Text *Do records indicate identification of identified sites being performed as required?*

Assets Covered 88960 (83)

Result Notes Appendix 2-1, 1.4; Appendix 5-1. A retirement community center and a church could be considered as identified sites but these are not due to the times occupied and how many people are there.

88. Question Result, ID, References NA, IM.HC.HCAMETHOD1.R, 192.947(d) (192.903(1)(i), 192.903(1)(ii), 192.903(1)(iii), 192.903(1)(iv))

Question Text *Do records demonstrate that identification of 192.903 High Consequence Areas using Method (1) was adequate?*

Assets Covered 88960 (83)

Result Notes No such event occurred, or condition existed, in the scope of inspection review. Avista uses method 2.

89. Question Result, ID, References Sat, IM.HC.HCAMETHOD2.R, 192.947(d) (192.905(a), 192.903(2)(ii))

Question Text *Do records demonstrate that the identification of 192.903 High Consequence Areas using Method (2) was adequate?*

Assets Covered 88960 (83)

Result Notes Appendix 2-1, 1.4; Appendix 5-1. A retirement community center and a church could be considered as identified sites but these are not due to the times occupied and how many people are there.

IM.RA: Risk Analysis

90. Question Result, ID, References Sat, IM.RA.RADATA.P, 192.917(b) (192.917(e)(1), 192.911(k))

Question Text *Does the process include requirements to gather and integrate existing data and information on the entire pipeline that could be relevant to covered segments?*

Assets Covered 88960 (83)

Result Notes Avista TIMP Manual Section 3.1; Table 3-1; Section 3.2; Section 3.3.2; Section 3.6

91. Question Result, ID, References Sat, IM.RA.RAMETHOD.P, 192.917(c) (192.917(d))

- Question Text *Does the process include requirements for a risk assessment that considers all of the identified threats for each covered segment, including the requirements of ASME B31.8S-2004 (Section 5) and the need to address potential risk of a compromised operations control system (e.g., cyber-attack)?*
- Assets Covered 88960 (83)
- Result Notes Avista TIMP Manual Section 3.3
92. Question Result, ID, References Sat, IM.RA.THREATID.R, 192.947(b) (192.917(a), 192.917(e), 192.913(b)(1), 192.632)
- Question Text *Do records demonstrate that all potential threats to each covered pipeline segment have been identified and evaluated?*
- Assets Covered 88960 (83)
- Result Notes Avista uses third party vendor Dynamic Risk uses data from Avista to determine any risks along the transmission line. Reviewed DRAS Report.
93. Question Result, ID, References Sat, IM.RA.RADATA.R, 192.947(b) (192.917(b), 192.917(e)(1), 192.911(k), 192.607)
- Question Text *Do records demonstrate that existing data and information on the entire pipeline that could be relevant to covered segments being adequately gathered and integrated?*
- Assets Covered 88960 (83)
- Result Notes Avista uses third party vendor Dynamic Risk uses data from Avista to determine any risks along the transmission line. Reviewed DRAS Report. Patrol data, structure count patrols, and leak survey data are all used and integrated into the plan.
94. Question Result, ID, References Sat, IM.RA.THREATID.P, 192.917(a) (192.917(e), 192.913(b)(1))
- Question Text *Does the process include requirements to identify and evaluate all potential threats to each covered pipeline segment?*
- Assets Covered 88960 (83)
- Result Notes Avista TIMP Manual section 3.1
95. Question Result, ID, References Sat, IM.RA.RAMETHOD.R, 192.947(b) (192.917(c), 192.917(d))
- Question Text *Do records demonstrate that the risk assessment follows ASME B31.8S-2004, Section 5, and considers the identified threats for each covered segment?*
- Assets Covered 88960 (83)
- Result Notes Avista uses third party vendor Dynamic Risk uses data from Avista to determine any risks along the transmission line. Reviewed DRAS Report. DRAS Algorithm; Section 3.3.
96. Question Result, ID, References Sat, IM.RA.RAFACTORS.P, 192.917(c)
- Question Text *Does the process include requirements for factors that could affect the likelihood of a release, and for factors that could affect the consequences of potential releases, be accounted for and combined in an appropriate manner to produce a risk value for each pipeline segment?*
- Assets Covered 88960 (83)
- Result Notes Avista TIMP Manual Sections 3.3.3-3.6
97. Question Result, ID, References Sat, IM.RA.RAFACTORS.R, 192.947(b) (192.917(c))
- Question Text *Do records demonstrate that risk analysis data is combined in an appropriate manner to produce a risk value for each pipeline segment?*
- Assets Covered 88960 (83)
- Result Notes Avista uses third party vendor Dynamic Risk uses data from Avista to determine any risks along the transmission line. Reviewed DRAS Report.
98. Question Result, ID, References Sat, IM.RA.RAMOC.P, 192.917(c)
- Question Text *Does the process provide for revisions to the risk assessment if new information is obtained or conditions change on the pipeline segments?*
- Assets Covered 88960 (83)
- Result Notes Avista TIMP Manual Section 3.7
99. Question Result, ID, References Sat, IM.RA.RAMOC.R, 192.947(b) (192.917(c))

Question Text *Was the risk assessment revised as necessary as new information is obtained or conditions change on the pipeline segments?*

Assets Covered 88960 (83)

Result Notes Multiple Avista SME's, and other employees have a P&M Measures Committee Discussion to discuss any changes. These were conducted annually, they are now every other year. Meeting are to determine if there have been any changes. reviewed meeting minutes.

IM.BA: Baseline Assessments

100. Question Result, ID, References Sat, IM.BA.BAENVIRON.P, 192.911(o) (192.919(e), 192.750)

Question Text *Does the process include requirements for conducting integrity assessments in a manner that minimizes environmental and safety risks?*

Assets Covered 88960 (83)

Result Notes Avista TIMP Manual Section 4.3.5; Section 6.7

101. Question Result, ID, References NA, IM.BA.BAENVIRON.R, 192.947(d) (192.911(o), 192.919(e), 192.750)

Question Text *Do records demonstrate that integrity assessments have been conducted in a manner that minimizes environmental and safety risks?*

Assets Covered 88960 (83)

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

102. Question Result, ID, References Sat, IM.BA.BAMETHODS.P, 192.919(b) (192.921(a), 192.921(c), 192.921(h), 192.937(c), Part 192 - Appendix F)

Question Text *Does the process include requirements for specifying an assessment method(s) that is best suited for identifying anomalies associated with specific threats identified for the covered segment?*

Assets Covered 88960 (83)

Result Notes Avista TIMP Manual Section 3.3

103. Question Result, ID, References NA, IM.BA.BAMETHODS.R, 192.947(c) (192.919(b), 192.921(a), 192.921(c), 192.921(h), 192.947(d), 192.937(c), Part 192 - Appendix F)

Question Text *Do records demonstrate that the assessment method(s) specified is best suited for identifying anomalies associated with specific threats identified for the covered segment?*

Assets Covered 88960 (83)

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

104. Question Result, ID, References Sat, IM.BA.BANEW.P, 192.911(p) (192.905(c), 192.921(f), 192.921(g))

Question Text *Does the process include requirements for updating the assessment plan for newly identified areas and newly installed pipe?*

Assets Covered 88960 (83)

Result Notes Avista TIMP Manual Section 5.4; Section 13.2.2

105. Question Result, ID, References NA, IM.BA.BANEW.R, 192.947(d) (192.905(c), 192.911(p), 192.921(f), 192.921(g), 192.620)

Question Text *Do records demonstrate that the assessment plan has been adequately updated for new HCAs and newly installed pipe?*

Assets Covered 88960 (83)

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

106. Question Result, ID, References Sat, IM.BA.BASCHEDULE.P, 192.917(c) (192.919(c), 192.921(b))

Question Text *Did the BAP process require a schedule for completing the assessment activities for all covered segments and consideration of applicable risk factors in the prioritization of the schedule?*

Assets Covered 88960 (83)

Result Notes Avista TIMP Manual Section 5; Appendix 5-1

107. Question Result, ID, References NA, IM.BA.BASCHEDULE.R, 192.947(c) (192.921(d), 192.947(d))

Question Text *Do records demonstrate that all BAP required assessments were completed as scheduled?*

Assets Covered 88960 (83)

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

IM.CA: Continual Evaluation and Assessment

108. Question Result, ID, References **Sat, IM.CA.LOWSTRESSREASSESS.P, 192.941(a) (192.941(b), 192.941(c))**
Question Text *Does the process include requirements for the "low stress reassessment" method to address threats of external and/or internal corrosion for pipelines operating below 30% SMYS?*
Assets Covered **88960 (83)**
Result Notes **Avista TAMP Manual Section 7.2.1**
109. Question Result, ID, References **Sat, IM.CA.REASSESSINTERVAL.P, 192.937(a) (192.939(a), 192.939(b), 192.913(c))**
Question Text *Is the process for establishing the reassessment intervals consistent with 192.939 and ASME B31.8S-2004?*
Assets Covered **88960 (83)**
Result Notes **Avista TAMP Manual Section 7.2.2**
110. Question Result, ID, References **NA, IM.CA.LOWSTRESSREASSESS.R, 192.947 (192.941(a), 192.941(b), 192.941(c))**
Question Text *Do records demonstrate that the implementation of "low stress reassessment" method to address threats of external and/or internal corrosion is adequate and being performed as required?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
111. Question Result, ID, References **Sat, IM.CA.PERIODICEVAL.P, 192.937(b) (192.917(a), 192.917(b), 192.917(c), 192.917(d), 192.917(e))**
Question Text *Does the process include requirements for a periodic evaluation of pipeline integrity based on data integration and risk assessment to identify the threats specific to each covered segment and the risk represented by these threats?*
Assets Covered **88960 (83)**
Result Notes **Avista TAMP Manual Section 7.1**
112. Question Result, ID, References **Sat, IM.CA.PERIODICEVAL.R, 192.947(d) (192.917(a), 192.917(b), 192.917(c), 192.917(d), 192.917(e), 192.937(b))**
Question Text *Do records demonstrate that periodic evaluations of pipeline integrity have been performed based on data integration and risk assessment to identify the threats specific to each covered segment and the risk represented by these threats?*
Assets Covered **88960 (83)**
Result Notes **Avista uses third party vendor Dynamic Risk uses data from Avista to determine any risks along the transmission line. Reviewed DRAS Report.**
113. Question Result, ID, References **NA, IM.CA.REASSESSINTERVAL.R, 192.947(d) (192.937(a), 192.939(a), 192.939(b), 192.913(c))**
Question Text *Do records demonstrate that reassessment intervals were established consistent with the requirements of the operator's processes?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
114. Question Result, ID, References **Sat, IM.CA.REASSESSMETHOD.P, 192.937(c) (192.931, 192.937(d), 192.493, 192.506)**
Question Text *Is the approach for establishing reassessment method(s) consistent with the requirements in 192.937(c)?*
Assets Covered **88960 (83)**
Result Notes **Avista TAMP Manual Section 7.2.1**
115. Question Result, ID, References **NA, IM.CA.REASSESSMETHOD.R, 192.947(d) (192.937(c), 192.937(d), 192.506, 192.493)**
Question Text *Do records document the assessment methods to be used and the rationale for selecting the appropriate assessment method?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

116. Question Result, ID, References **Sat, IM.CA.REASSESSWAIVER.P, 192.943(a) (192.943(b))**
 Question Text *Does the process include requirements for reassessment interval waivers (special permit per 190.341)?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 7.2.3**
117. Question Result, ID, References **NA, IM.CA.REASSESSWAIVER.R, 192.947(d) (192.943(a), 192.943(b))**
 Question Text *Do records demonstrate that reassessment interval waivers (special permit per 190.341) have been adequately implemented, if applicable?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
118. Question Result, ID, References **NA, IM.CA.REASSESEXCPERF.P, 192.913(a) (192.913(b), 192.913(c))**
 Question Text *Does the process include requirements for deviations from reassessment requirements based on exceptional performance?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. Avista's TIMP is predicated on a performance based plan.**
119. Question Result, ID, References **NA, IM.CA.REASSESEXCPERF.R, 192.947 (192.913(a), 192.913(b), 192.913(c))**
 Question Text *Do records demonstrate that deviations from reassessment requirements are based on exceptional performance and have been adequately handled, if applicable?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

IM.PM: Preventive and Mitigative Measures

120. Question Result, ID, References **Sat, IM.PM.PMMGENERAL.P, 192.935(a)**
 Question Text *Does the process include requirements to identify additional measures to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in a high consequence area?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 8.2**
121. Question Result, ID, References **NA, IM.PM.PMMGENERAL.R, 192.947 (192.935(a))**
 Question Text *Do records demonstrate that additional measures have been identified and implemented (or scheduled) beyond those already required by Part 192 to prevent a pipeline failure and to mitigate the consequences of a pipeline failure in an HCA?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
122. Question Result, ID, References **Sat, IM.PM.PMMPD.P, 192.917(e)(1) (192.935(b)(1), 192.935(e))**
 Question Text *Does the preventive and mitigative measure process include requirements that threats due to third party damage be addressed?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 8.2.2**
123. Question Result, ID, References **Sat, IM.PM.PMMPD.R, 192.947 (192.917(e)(1), 192.935(b)(1), 192.935(e))**
 Question Text *Do records demonstrate that preventive & mitigative measures have been implemented regarding threats due to third party damage as required by the process?*
 Assets Covered **88960 (83)**
 Result Notes **Avista performs standby watch whenever there is any excavation near their transmission line. There were 9 total on the transmission line, 1 was only necessary for Standby watch. Reviewed High Profile Locate Request Information Sheet.**

124. Question Result, ID, References **Sat, IM.PM.PMMREVQUAL.P, 192.915(c)**
 Question Text *Does the process require that persons who implement preventive and mitigative measures or directly supervise excavation work be qualified?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 12.5**
125. Question Result, ID, References **Sat, IM.PM.PMMREVQUAL.R, 192.947(e) (192.915(c))**
 Question Text *Do records demonstrate that personnel who implement preventive and mitigative measures or directly supervise excavation work are qualified?*
 Assets Covered **88960 (83)**
 Result Notes **Reviewed Avista List of Supervisory Qualifications. The list contains supervisor qualifications in how that can implement P&M measures.**
126. Question Result, ID, References **Sat, IM.PM.PMMPDMSMYS.P, 192.935(d) (192.935(e), 192 Appendix E Table E.II.1)**
 Question Text *Does the process include requirements for preventive and mitigative measures for pipelines operating below 30% SMYS?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 8.2.2**
127. Question Result, ID, References **Sat, IM.PM.PMMPDMSMYS.R, 192.947(d) (192.935(d), 192.935(e), 192 Appendix E Table E.II.1)**
 Question Text *Do records demonstrate that preventive and mitigative measures for pipelines operating below 30% SMYS are being performed as required?*
 Assets Covered **88960 (83)**
 Result Notes **Avista performs standby watch whenever there is any excavation near their transmission line. There were 9 total on the transmission line, 1 was only necessary for Standby watch. Reviewed High Profile Locate Request Information Sheet.**
128. Question Result, ID, References **Sat, IM.PM.PMMPDMSMYS.R, 192.947(d) (192.935(d), 192.935(e), 192 Appendix E Table E.II.1)**
 Question Text *Does the process adequately address significant threats due to outside force (e.g., earth movement, floods, unstable suspension bridge)?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 8.2.3**
129. Question Result, ID, References **Sat, IM.PM.PMMPDMSMYS.R, 192.947(d) (192.935(d), 192.935(e), 192 Appendix E Table E.II.1)**
 Question Text *Do records demonstrate that significant threats due to outside force (e.g., earth movement, floods, unstable suspension bridge) are being adequately addressed?*
 Assets Covered **88960 (83)**
 Result Notes **P&M Committee meetings. Reviewed documentation from Golder and Associates that analyzed river crossings. This found that the pipe was exposed under the Colville River, project complete in 2021. Another River crossing near Kettle Falls is scheduled for 2026.**
130. Question Result, ID, References **Sat, IM.PM.PMMASORCV.P, 192.935(c)**
 Question Text *Does the process include requirements to decide if automatic shut-off valves or remote control valves represent an efficient means of adding protection to potentially affected high consequence areas?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 8.2.5**
131. Question Result, ID, References **NA, IM.PM.PMMASORCV.R, 192.947(d) (192.935(c))**
 Question Text *Do records demonstrate that the operator has determined, based on risk, whether automatic shut-off valves or remote control valves should be added to protect high consequence areas?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

Avista still analyzes the data to determine if these valves are necessary.

132. Question Result, ID, References **Sat, IM.PM.PMCCORR.P, 192.933 (192.917(e)(5))**
 Question Text *Does the process adequately account for taking required actions to address significant corrosion threats?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 8.2.4**
133. Question Result, ID, References **NA, IM.PM.PMCCORR.R, 192.933 (192.917(e)(5))**
 Question Text *Do records demonstrate that required actions are being taken to address significant corrosion threats as required?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

IM.QA: Quality Assurance

134. Question Result, ID, References **Sat, IM.QA.QARM.P, 192.911(l)**
 Question Text *Are quality assurance processes in place for risk management applications that meet the requirements of ASME B31.8S-2004, Section 12?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 1.2.2**
135. Question Result, ID, References **Sat, IM.QA.IMNONMANDT.P, 192.7(a)**
 Question Text *Does the process include requirements that non-mandatory requirements (e.g., "should" statements) from industry standards or other documents invoked by Subpart O (e.g., ASME B31.8S-2004 and NACE SP0502-2010) be addressed by an appropriate approach?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 1.1.2**
136. Question Result, ID, References **Sat, IM.QA.QARM.R, 192.947(d) (192.911(l))**
 Question Text *Do records demonstrate that the quality assurance process for risk management applications is being completed as required by ASME B31.8S-2004, Section 12?*
 Assets Covered **88960 (83)**
 Result Notes **Reviewed Avista Annual TIMP Program Review documents.**
137. Question Result, ID, References **Sat, IM.QA.RECORDS.P, 192.947(a) (192.947(b), 192.947(c), 192.947(d), 192.947(e), 192.947(f), 192.947(g), 192.947(h), 192.947(i), 192.517(a))**
 Question Text *Is the process adequate to assure that required records are maintained for the useful life of the pipeline?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 10**
138. Question Result, ID, References **Sat, IM.QA.IMMOC.P, 192.911(k) (192.909(a), 192.909(b))**
 Question Text *Is the process for management of changes that may impact pipeline integrity adequate?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 13**
139. Question Result, ID, References **Sat, IM.QA.IMMOC.R, 192.947(d) (192.909(a), 192.909(b), 192.911(k))**
 Question Text *Do records demonstrate that changes that may impact pipeline integrity are being managed as required?*
 Assets Covered **88960 (83)**
 Result Notes **Avista tracks any organizational changes, TIMP plan changes, and pipe system physical changes. Reviewed TIMP Management of Change Spreadsheets.**
140. Question Result, ID, References **Sat, IM.QA.IMPERFEFFECTIVE.P, 192.945(a) (192.913(b), 192.951)**
 Question Text *Does the process for measuring IM program effectiveness include the elements necessary to conduct a meaningful evaluation?*
 Assets Covered **88960 (83)**

Result Notes Avista TIMP Manual Section 9

141. Question Result, ID, References Sat, IM.QA.IMPERFEFFECTIVE.R, 192.947(d) (192.913(b), 192.945(a), 192.951)
Question Text *Do records demonstrate that the methods to measure Integrity Management Program effectiveness provide effective evaluation of program performance and result in program improvements where necessary?*
Assets Covered 88960 (83)
Result Notes Reviewed Avista Annual TIMP Program Review documents.
142. Question Result, ID, References Sat, IM.QA.IMPERFMETRIC.P, 192.945(a) (192.913(b), 192.951)
Question Text *Does the process to evaluate IM program effectiveness include an adequate set of performance metrics to provide meaningful insight into IM program performance?*
Assets Covered 88960 (83)
Result Notes Avista TIMP Manual Section 9
143. Question Result, ID, References Sat, IM.QA.IMPERFMETRIC.R, 192.947(d) (192.913(b), 192.945(a), 192.951)
Question Text *Do records demonstrate that performance metrics are providing meaningful insight into integrity management program performance?*
Assets Covered 88960 (83)
Result Notes Reviewed Avista Washington Transmission Performance Measures documentation.
144. Question Result, ID, References Sat, IM.QA.RECORDS.R, 192.947(a) (192.947(b), 192.947(c), 192.947(d), 192.947(e), 192.947(f), 192.947(g), 192.947(h), 192.947(i), 192.517(a))
Question Text *Are required records being maintained for the life of the pipeline?*
Assets Covered 88960 (83)
Result Notes Reviewed any Avista records for the transmission line, all have been maintained for the life of the pipe.

PD.DP: Damage Prevention

145. Question Result, ID, References Sat, PD.DP.DPINFOGATHER.P, 192.917(b) (192.935(b)(1)(ii))
Question Text *Does the process require critical damage prevention information be gathered and recorded during pipeline patrols, leak surveys, and integrity assessments?*
Assets Covered 88960 (83)
Result Notes Avista TIMP Manual Section 8.2.2; GSM Section 5.11; GSM Section 5.15
146. Question Result, ID, References Sat, 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 88960 (83)
Result Notes Reviewed Avista patrolling records, leak survey records.

RPT.NR: Notices and Reporting

147. Question Result, ID, References Sat, RPT.NR.NOTIFYIMCHANGE.P, 192.909(b) (192.921(a)(7), 192.937(c)(7), 192.18)
Question Text *Is the process for notifying PHMSA and/or state/local authorities of significant changes to the Integrity Management Program adequate?*
Assets Covered 88960 (83)
Result Notes Avista TIMP Manual Section 13.7
148. Question Result, ID, References NA, RPT.NR.NOTIFYIMCHANGE.R, 192.947(i) (192.909(b), 192.921(a)(7), 192.937(c)(7))
Question Text *Do records demonstrate that PHMSA and/or state/local authorities were notified of substantial or significant changes to the Integrity Management Program?*
Assets Covered 88960 (83)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

149. Question Result, ID, References **Sat, RPT.NR.NOTIFYIMPRESS.P, 192.933(a)(1)**
 Question Text *Do processes require notifying PHMSA and/or state/local authorities: 1) if the schedule for evaluation and remediation required under paragraph 192.933(c) cannot be met and safety cannot be provided through temporary reduction in operating pressure or other action, and 2) when a pressure reduction exceeds 365 days?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 6.5**
150. Question Result, ID, References **NA, RPT.NR.NOTIFYIMPRESS.R, 192.947(i) (192.933(a)(1))**
 Question Text *Do records demonstrate that PHMSA and/or state/local authorities were notified with the required information when one of the following occurred: 1) schedule for evaluation and remediation could not be met and safety could not be provided through a temporary reduction in operating pressure, or 2) when a pressure reduction exceeded 365 days?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
151. Question Result, ID, References **NA, RPT.NR.IMDEVIATERPT.P, 192.913(b)(1)(vii)**
 Question Text *Is there a process for reporting integrity management program performance measures if deviating from certain IMP requirements (exceptional performance)?*
 Assets Covered **88960 (83)**
 Result Notes **Avista does not use a performance based IM program.**
152. Question Result, ID, References **NA, RPT.NR.IMDEVIATERPT.R, 192.947(i) (192.913(b)(1)(vii))**
 Question Text *Do records demonstrate adequate reporting of integrity management program performance measures if deviating from certain IMP requirements (exceptional performance)?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
153. Question Result, ID, References **Sat, RPT.NR.IMPERFRPT.P, 192.947(i) (192.945(a), 191.17, ASME B31.8S-2004 Appendix A Section 9.8)**
 Question Text *Is there a process for annual reporting of integrity management performance data?*
 Assets Covered **88960 (83)**
 Result Notes **Avista TIMP Manual Section 9.2-9.3**
154. Question Result, ID, References **Sat, RPT.NR.IMPERFRPT.R, 192.947(i) (192.945(a), 191.17, ASME B31.8S-2004 Appendix A Section 9.8)**
 Question Text *Do annual reports demonstrate that integrity management performance data were reported?*
 Assets Covered **88960 (83)**
 Result Notes **Reviewed Avista annual reports. Performance data was reported.**

TD.SCC: Stress Corrosion Cracking

155. Question Result, ID, References **NA, TD.SCC.SCCIM.P, 192.911(c) (192.917(a)(1), 192.917(e))**
 Question Text *Does the integrity management program have a process to identify and evaluate stress corrosion cracking threats to each covered pipeline segment?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
156. Question Result, ID, References **NA, TD.SCC.SCCIM.R, 192.947(d) (192.917(a)(1), 192.917(e))**
 Question Text *Do integrity management program records document results of studies to identify and evaluate stress corrosion cracking threats to each covered pipeline segment?*
 Assets Covered **88960 (83)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

157. Question Result, ID, References **NA, TD.SCC.SCCREPAIR.R, 192.709(a) (192.703(b))**
Question Text *Do records document that the operator has properly remediated any occurrences of SCC?*
Assets Covered **88960 (83)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

TQ.QUIM: Qualification of Personnel - Specific Requirements (IM)

158. Question Result, ID, References **Sat, TQ.QUIM.IMREVIEWQUAL.P, 192.915(a) (192.915(b), 192.915(c), 192.935(b), 192.493)**
Question Text *Does the process require that operator/vendor personnel (including supervisors and persons responsible for preventive and mitigative measures), who review and evaluate results meet acceptable qualification standards?*
Assets Covered **88960 (83)**
Result Notes **Avista TIMP Manual Section 12.5.3-12.5.4**

159. Question Result, ID, References **Sat, TQ.QUIM.IMREVIEWQUAL.R, 192.947(e) (192.915(a), 192.915(b), 192.915(c), 192.935(b)(1)(i), 192.947(d), 192.493)**
Question Text *Do records indicate adequate qualification of integrity management personnel?*
Assets Covered **88960 (83)**
Result Notes **Reviewed Avista List Supervisory Personnel. Also field staff performing leak survey and patrolling.**

160. Question Result, ID, References **Sat, TQ.QUIM.IMQC.P, 192.805(b) (ASME B31.8S-2004, Section 12.2(b)(4), 192.935(b)(1)(i), 192.907(b), 192.911(l))**
Question Text *Does the process require personnel who execute IM program activities to be competent and qualified in accordance with the quality control plan in accordance with ASME B31.8S-2004, Section 12.2(b)(4)?*
Assets Covered **88960 (83)**
Result Notes **Avista TIMP Manual Section 12.5.3; Section 1.2.2**

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