

Inspection Output (IOR)

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Inspection Information

Inspection Name	Ritzville Standard #7780	Operator(s)	AVISTA CORP (31232)	Plan Submitted	01/10/2019
Status	PLANNED	Lead	Scott Rukke	Plan Approval	01/11/2019 by Joe Subsit
Start Year	2019	Team Members	Dennis Ritter, Lex Vinsel, Anthony Dorrough, Derek Norwood, Scott Anderson, Darren Tinnerstet	All Activity Start	07/29/2019
System Type	GD	Observer(s)	Deborah Becker, Kali Wrspir, Rell Koizumi	All Activity End	08/16/2019
Protocol Set ID	WA.GD.2017.01	Supervisor	Joe Subsit	Inspection Submitted	--
		Director	Sean Mayo	Inspection Approval	--

Inspection Summary

This is a standard unit inspection of the Ritzville and Stevenson service territories.

Inspection schedule:

Avista Ritzville/Stevenson 7780

July 29 travel to Spokane. In the Spokane office reviewing records on July 30 and 31.

Field portion of this inspection August 12 to August 14 and drive August 12th and 15th. Started in Stevenson, Goldendale then to Ritzville and surrounding areas.

All of Stevenson is now PE except two risers off the gate stations.

The exit interview was conducted on August 14, 2019.

Randy Bareither is the contact person for Avista utilities:

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Public Awareness will not be part of this unit inspection and will be conducted separately at their headquarters in Spokane.

This unit inspection was last conducted in May 2017 under #7260.

Staff has reviewed Avista's material defect reports for 2015, 2016 and 2017 and 2018.

Staff has reviewed Avista's annual reports for 2015, 2016 and 2017 and 2018.

Avista's annual review was started on 1/9/2019 and a copy was sent to Randy Bareither for review and a request for information to complete the report.

Scope (Assets)

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	Ritzville #7780	Ritzville Stevenson Standard #7780	other	--	Abandoned Aluminum pipe Copper Pipe Cast or Ductile Iron OCS GOM Offshore Bottle/Pipe - Holders Storage Fields Compressor Stations	125	125	125	125	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.	Ritzville #7780	n/a	PRR, FR	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	Records Review	--	07/29/2019 08/02/2019	n/a	all planned questions	all assets	all types	125	125	125	125	100.0%
2	Field Inspection	--	08/12/2019 08/16/2019	n/a	all planned questions	all assets	all types	125	125	125	125	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".

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	Attendance Record	COMPLETED	08/21/2019	Records Review	Ritzville #7780

Results (all values, 125 results)

133 (instead of 125) results are listed due to re-presentation of questions in more than one sub-group.

PRR.REPORT: Reporting

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

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

Assets Covered **Ritzville #7780**

Result Notes **1. No federal reportables for Ritzville/SStevenson in 2017 or 2018.**
2. Question Result, ID, References **Sat, GDIM.RR.MECHANICALFITTINGDATAIMPL.R, 192.1009 (191.12)** (also presented in: GDIM.IMPL)

Question Text *Have accurate records been maintained documenting mechanical fitting failures that resulted in hazardous leaks?*

Assets Covered **Ritzville #7780**

Result Notes **Reviewed annual fitting failure reports. No issues.**
3. Question Result, ID, References **NA, RPT.RR.INCIDENTREPORT.R, 191.9(a)**

Question Text *Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.2 (01-2002) within the required timeframe?*

Assets Covered **Ritzville #7780**

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

No reportables.
4. Question Result, ID, References **NA, RPT.RR.INCIDENTREPORTSUPP.R, 191.9(b)**

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

Assets Covered **Ritzville #7780**

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

No reportables.
5. Question Result, ID, References **Sat, RPT.RR.ANNUALREPORT.R, 191.11(a)**

Question Text *Have complete and accurate Annual Reports been submitted?*

Assets Covered **Ritzville #7780**

Result Notes **Annual reports were reviewed and appeared to be accurate.**
6. Question Result, ID, References **NA, RPT.RR.SRCR.R, 191.23(a) (191.23(b), 191.25(a), 191.25(b))**

Question Text *Do records indicate safety-related condition reports were filed as required?*

Assets Covered **Ritzville #7780**

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

No safety related conditions.
7. Question Result, ID, References **Sat, MO.GO.CUSTNOTIFY.R, 192.16(d) (192.16(a), 192.16(b), 192.16(c))**

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

Assets Covered **Ritzville #7780**

Result Notes **Each new customer gets a customer packet that details the customer notification requirements.**

8. Question Result, ID, References **NA, RPT.RR.MAOPINCREASENOTIFY.R,**
 Question Text *Do records indicate submittal of a written plan of procedures to the commission at least forty-five days before uprating to a MAOP greater than 60 psig?*
 Assets Covered **Ritzville #7780**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
9. Question Result, ID, References **Sat, RPT.RR.DAILYCONSTRUCTIONRPT.R,**
 Question Text *Do records indicate daily construction and repair activities were emailed to the commission no later than 10 AM each day work is scheduled?*
 Assets Covered **Ritzville #7780**
 Result Notes **Crew sheets are submitted daily.**

PRR.CORROSION: Corrosion Control

10. 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 **Ritzville #7780**
 Result Notes **Under the direction of a NACE Level 4 CP manager.**
11. 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 **Ritzville #7780**
 Result Notes **No casings in Goldendale or Stevenson.**
- There are 17 casings throughout the Ritzville I-90 corridor systems. All were reviewed for 2016, 2017 and 2018. There were no shorted casings and all CP levels were adequate.**
12. Question Result, ID, References **Sat, TD.CP.RECORDS.R, 192.491(a)**
 Question Text *Do records indicate the location of all items listed in 192.491(a)?*
 Assets Covered **Ritzville #7780**
 Result Notes **Avista's GIS captures all required information. We reviewed various town systems through GIS to verify the necessary data was present.**
13. Question Result, ID, References **Sat, TD.CPEXPOSED.EXPOSEINSPECT.R, 192.491(c) (192.459)**
 Question Text *Do records adequately document that exposed buried piping was examined for corrosion?*
 Assets Covered **Ritzville #7780**
 Result Notes **Reviewed all exposed pipe reports. Only two low reads were noted. Remediation was completed within 90 days.**
14. 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 **Ritzville #7780**
 Result Notes **There is one rectifier in Goldendale and 9 in the other systems in Ritzville. Reviewed all bi-monthly reads for 2016 through 2018. No issues and no follow ups. All of Avista's rectifiers have remote read capability.**
15. 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 **Ritzville #7780**
 Result Notes **Reviewed all annual test sites for 2016 to 2018. Reviewed all Work Orders generated through the test sites. All follow ups were conducted within the required timeframes. All CP appeared to be adequate. No issues noted.**

16. Question Result, ID, References **Sat, TD.CP.MONITOR.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 **Ritzville #7780**
Result Notes **No critical bonds in Goldendale. Ritzville has 4 critical bonds. Records were reviewed from 2016 to 2018.**
17. Question Result, ID, References **Sat, TD.CP.MONITOR.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 **Ritzville #7780**
Result Notes **All CP deficiencies had work orders created. We reviewed all work orders that were created and all noted CP deficiencies were remediated within the required 90 day timeframe.**
18. Question Result, ID, References **Sat, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))**
Question Text *Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?*
Assets Covered **Ritzville #7780**
Result Notes **Reviewed a master spreadsheet of all exposed pipe reports. Only two had low reads and follow up remediation was completed within two months. No issues.**
19. Question Result, ID, References **Sat, TD.CP.MONITOR.TESTSTATION.R, 192.469**
Question Text *Do records identify the location of test stations and show a sufficient number of test stations?*
Assets Covered **Ritzville #7780**
Result Notes **Test station locations appears to be adequate.**
20. 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 **Ritzville #7780**
Result Notes **Avista Procedure 3.12 requires test lead installation as required.**
21. Question Result, ID, References **Sat, TD.CP.MONITOR.INTFRCURRENT.R, 192.491(c) (192.473(a))**
Question Text *Do records document an effective program is in place to minimize detrimental effects of interference currents and that detrimental effects of interference currents from CP systems on other underground metallic structures are minimized?*
Assets Covered **Ritzville #7780**
Result Notes **Section 3.32 system isolation. Critical bonds are in Odessa. Stray currents have been identified and mitigated.**
22. Question Result, ID, References **Sat, FS.FG.CASINGTESTLEAD.R,**
Question Text *Do records indicate that all casings without vents installed after September 5, 1992 had separate test lead wires installed?*
Assets Covered **Ritzville #7780**
Result Notes **No casings in Goldendale. All casings in Ritzville have test lead wires installed.**
23. Question Result, ID, References **NA, FS.FG.CASINGSEALS.R,**
Question Text *Do records indicate that mains and service lines installed in casing or conduit are sealed at the ends as required?*
Assets Covered **Ritzville #7780**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. None installed since the last inspection.**
24. Question Result, ID, References **NA, TD.ICP.CORRGAS.R, 192.491(c) (192.475(a))**
Question Text *Do the records demonstrate that the corrosive effect of the gas in the pipeline has been investigated and if determined to be corrosive, steps be taken to minimize internal corrosion?*
Assets Covered **Ritzville #7780**

- Result Notes No such event occurred, or condition existed, in the scope of inspection review. No corrosive gas by contract with Williams.
25. Question Result, ID, References Sat, TD.ICP.EXAMINE.R, 192.491(c) (192.475(a), 192.475(b))
 Question Text *Do records document examination of removed pipe for evidence of internal corrosion?*
 Assets Covered Ritzville #7780
 Result Notes Reviewed all all reports for Ritzville (10). No internal corrosion noted. Two reports were reviewed for Goldendale. No internal corrosion noted.
26. Question Result, ID, References NA, TD.ICP.CORRGASACTION.R, 192.491(c) (192.477)
 Question Text *Do records document the actions taken when corrosive gas is being transported by pipeline?*
 Assets Covered Ritzville #7780
 Result Notes No such event occurred, or condition existed, in the scope of inspection review.
27. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.R, 192.491(c) (192.481(a), 192.481(b), 192.481(c))
 Question Text *Do records document inspection of aboveground pipe for atmospheric corrosion?*
 Assets Covered Ritzville #7780
 Result Notes Reviewed a list of atmospheric corrosion surveys conducted in 2018 for Goldendale. From that list we reviewed all of the inspections requiring follow-up work orders. Then we drilled down on individual remediation.
- Reviewed list of Ritzville inspections along with the work orders. All remediation was completed as required.
- The photos of the remediation we reviewed all involved X-Tru coat pipe which Avista does not allow above ground X-TRU coating. There is still some older installations though.
28. Question Result, ID, References Sat, TD.COAT.NEWPIPE.R, 192.491(c) (192.455(a), 192.461(a), 192.461(b), 192.483(a))
 Question Text *Do records document that each buried or submerged pipeline installed after July 31, 1971 has been externally coated with a suitable coating material?*
 Assets Covered Ritzville #7780
 Result Notes No issues. Required by Avista procedures.
29. Question Result, ID, References NA, TD.ICP.REPAIR.R, 192.485(a) (192.485(b))
 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 Ritzville #7780
 Result Notes No such relevant facilities/equipment existed in the scope of inspection review. No corrosion noted.
30. Question Result, ID, References NA, TD.ICP.EVALUATE.R, 192.491(c) (192.485(c))
 Question Text *Do records document adequate evaluation of internally corroded pipe?*
 Assets Covered Ritzville #7780
 Result Notes No such event occurred, or condition existed, in the scope of inspection review. No corrosion found.

PRR.PT: Pressure Test

31. Question Result, ID, References Sat, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.517(b) (192.509(a), 192.509(b))
 Question Text *Do records indicate that pressure testing is conducted in accordance with 192.509(a)?*
 Assets Covered Ritzville #7780
 Result Notes All pressure tests reviewed were conducted appropriately.
32. Question Result, ID, References NA, DC.PTLOWPRESS.PRESSTESTLOWSTRESS.R, 192.517(a) (192.507(a), 192.507(b), 192.507(c))
 Question Text *Do records indicate that pressure testing is conducted in accordance with 192.507?*
 Assets Covered Ritzville #7780
 Result Notes No such relevant facilities/equipment existed in the scope of inspection review. Transmission question.

33. Question Result, ID, References **Sat, DC.PT.SERVICELINE.R, 192.517(b) (192.511(a), 192.511(b), 192.511(c))**
 Question Text *Do records indicate that pressure testing is conducted in accordance with 192.511?*
 Assets Covered **Ritzville #7780**
 Result Notes **All pressure tests reviewed were conducted appropriately.**
34. Question Result, ID, References **Sat, DC.PT.PRESSTESTPLASTIC.R, 192.517(b) (192.513(a), 192.513(b), 192.513(c), 192.513(d))**
 Question Text *Do records indicate that pressure testing is conducted in accordance with 192.513?*
 Assets Covered **Ritzville #7780**

PRR.UPRATE: Uprating

35. Question Result, ID, References **NA, MO.GOUPRATE.MAOPINCREASE.R, 192.553(a) (192.553(b), 192.553(c))**
 Question Text *Do records indicate that increases in MAOP of pipeline were determined in accordance with 192.553?*
 Assets Covered **Ritzville #7780**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
36. Question Result, ID, References **NA, MO.GOUPRATE.MAOPINCREASELIMIT.R, 192.553(b) (192.553(c), 192.553(d), 192.557(a))**
 Question Text *Do records indicate that increases in MAOP are limited in accordance with 192.519 and 192.621?*
 Assets Covered **Ritzville #7780**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
37. Question Result, ID, References **NA, MO.GOUPRATE.MAOPINCREASEPREP.R, 192.553(b) (192.553(c), 192.553(a), 192.557(b), 192.557(c))**
 Question Text *Do records indicate that increases in MAOP were preceded by the actions specified in 192.557?*
 Assets Covered **Ritzville #7780**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

PRR.OM: Operations And Maintenance

38. 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: MISCTOPICS.PUBAWARE)
 Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
 Assets Covered **Ritzville #7780**
 Result Notes **Uses Paradigm for outreach. .**

Reviewed records of contacts, contact lists and emergency response discussions on capabilities and mutual aid.
39. Question Result, ID, References **Sat, MO.GO.OMANNUALREVIEW.R, 192.605(a)**
 Question Text *Has the operator conducted annual reviews of the written procedures or processes in the manual as required?*
 Assets Covered **Ritzville #7780**
 Result Notes **Avista's manual is updated continuously.**
40. Question Result, ID, References **Sat, MO.RW.MARKERREPLACE.R,**
 Question Text *Do records indicate that damaged or missing markers were replaced within forty-five days of discovery?*
 Assets Covered **Ritzville #7780**
 Result Notes **Pipeline marker orientation manual page 4. Replaced immediately when found. The 45 day follow up is not an issue.**
41. Question Result, ID, References **Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4)** (also presented in: MISCTOPICS.PUBAWARE)
 Question Text *Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?*
 Assets Covered **Ritzville #7780**

Result Notes A full PA audit was conducted in March 2019

42. Question Result, ID, [Sat, PD.PA.LANGUAGE.R, 192.616\(g\) \(API RP 1162 Section 2.3.1\)](#) (also presented in: References [MISCTOPICS.PUBAWARE](#))
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 [Ritzville #7780](#)
Result Notes A full PA audit was conducted in March 2019
43. Question Result, ID, [Sat, PD.PA.MSTRMETER.R, 192.616\(j\) \(192.616\(h\), API RP 1162 Section 2.7 \(Step 12\), API RP 1162 Section 8.5\)](#) (also presented in: [MISCTOPICS.PUBAWARE](#))
Question Text *Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?*
Assets Covered [Ritzville #7780](#)
Result Notes A complete Public Awareness inspection was conducted in March 2019 under #7782.
44. 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 [Ritzville #7780](#)
Result Notes Each district has construction records available at the office.

Maps are GIS based and available on line.
45. 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 [Ritzville #7780](#)
Result Notes Reviewed the quality assurance audit form. This form is filled out periodically by QA auditors that work for a QA manager.
46. Question Result, ID, [Sat, MO.RW.DISTPATROL.R, 192.603\(b\) \(192.721\(a\), 192.721\(b\)\)](#)
References
Question Text *Do records indicate distribution patrolling was conducted as required?*
Assets Covered [Ritzville #7780](#)
Result Notes Reviewed records for high pressure and bridge patrols for 2017 and 2018.

One high pressure patrol was missed for 2018 but was not a code required patrol. Avista strives to patrol all high pressure pipelines although this is not required per .721(a). .
47. Question Result, ID, [Sat, MO.RW.DISTPATROLLEAKAGE.R, 192.603\(b\) \(192.723\(a\), 192.723\(b\)\)](#)
References
Question Text *Do records indicate distribution leakage surveys were conducted as required?*
Assets Covered [Ritzville #7780](#)
Result Notes Reviewed a sampling of leak surveys for the entire district.

Reviewed business district, HOS, residential and high pressure surveys. All records are now in GIS and were much easier to review than the old plat maps.

All records reviewed were compliant.
48. Question Result, ID, [Sat, MO.RW.MARKERSMAPSDRAW.R,](#)
References
Question Text *Are records sufficient to indicate class location and other areas where pipeline markers are required?*
Assets Covered [Ritzville #7780](#)
Result Notes Reviewed GIS records indication where pipeline markers are required.

49. Question Result, ID, References **Sat, MO.RW.MARKERSURVEY.R,**
Question Text *Do records indicate that pipeline marker surveys were completed and completed in the timeframe specified by WAC 480-93-124?*
Assets Covered **Ritzville #7780**
Result Notes **Reviewed survey records and follow up info for Goldendale and Ritzville. Markers are replaced immediately so no 45 day followups were noted.**
50. Question Result, ID, References **NA, MO.RW.TRANSLEAKAGE.R, 192.709(c) (192.706, 192.706(a), 192.706(b))**
Question Text *Do records indicate transmission leakage surveys conducted as required?*
Assets Covered **Ritzville #7780**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. Not a transmission inspection.**
51. Question Result, ID, References **NA, MO.RW.TRANSPATROL.R, 192.709(c) (192.705(a), 192.705(b), 192.705(c))**
Question Text *Do records indicate that transmission line ROW surface conditions have been patrolled as required?*
Assets Covered **Ritzville #7780**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. Not a transmission inspection.**
52. Question Result, ID, References **NA, MO.GOABNORMAL.ABNORMALREVIEW.R, 192.605(a) (192.605(c)(4))**
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 **Ritzville #7780**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. Not a transmission inspection.**
53. Question Result, ID, References **Sat, PD.OC.PDPROGRAM.R, 192.614(c)**
Question Text *Does the damage prevention program meet minimum requirements specified in 192.614(c)?*
Assets Covered **Ritzville #7780**
Result Notes **Reviewed the contractor spreadsheets.**

Reviewed the contractor notifications along with a sampling of locate records.

Statistical data indicates that Avista meets approximately 98% of their locate requests on time.
54. Question Result, ID, References **NA, MO.GOCLASS.CLASSLOCATESTUDY.R, 192.605(b)(1) (192.609(a), 192.609(b), 192.609(c), 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 **Ritzville #7780**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. Not a transmission inspection.**
55. Question Result, ID, References **Sat, 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 **Ritzville #7780**
Result Notes **All managers have the GESH emergency handbook. Avista conducts a sampling review of all incidents.**

Reviewed a statistical spreadsheet of incidents that were reviewed by management.

Avista also conducts post incident reviews after major incidents.
56. Question Result, ID, References **Sat, EP.ERG.TRAINING.R, 192.605(a) (192.615(b)(2))**
Question Text *Has the operator trained the appropriate operating personnel on emergency procedures and verified that the training was effective in accordance with its procedures?*

Assets Covered Ritzville #7780

Result Notes Mock tabletop incidents are conducted.

Reviewed OQ records for personnel involved with emergency response.

57. Question Result, ID, References NA, EP.ERG.INCIDENTANALYSIS.R, 192.605(a) (192.617)
Question Text *Do records indicate actions initiated to analyze accidents and failures, including the collection of appropriate samples for laboratory examination to determine the causes of the failure and minimize the possibility of recurrence, in accordance with its procedures?*
Assets Covered Ritzville #7780
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
58. Question Result, ID, References Sat, MO.GOMAOP.MAOPDETERMINE.R, 192.619(a) (192.619(b), 192.621(a), 192.621(b), 192.623(a), 192.623(b))
Question Text *Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?*
Assets Covered Ritzville #7780
Result Notes Some pre code pipe has missing MAOP records. This has been taken into account in Avista's DIMP plan.
59. 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 Ritzville #7780
Result Notes Procedure 4.18

Avista's threshold is to double check any read above 0.40. All reads above this threshold were double checked and were found to be good. No remediation was required.
60. Question Result, ID, References Sat, AR.RMP.TESTREINSTATE.R, 192.603(b) (192.725(a), 192.725(b))
Question Text *From the review of records, did the operator properly test disconnected service lines?*
Assets Covered Ritzville #7780
Result Notes Reviewed all service leaks and damage and tests were conducted.
61. Question Result, ID, References NA, MO.GM.MOVEANDLOWER.R,
Question Text *Do records indicate that a study was prepared before moving or lowering a steel gas pipeline as required?*
Assets Covered Ritzville #7780
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
62. Question Result, ID, References NA, MO.GM.MOVEANDLOWERSURVEY.R,
Question Text *Do records indicate that a leak survey was conducted not more than thirty days after moving and/or lowering a metallic pipeline?*
Assets Covered Ritzville #7780
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
63. 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 as required and at the specified intervals?*
Assets Covered Ritzville #7780
Result Notes Reviewed 100% of regulator stations from 2016 to present.
64. Question Result, ID, References Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))
Question Text *Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required and a new or additional device installed if determined to have insufficient capacity?*
Assets Covered Ritzville #7780

Result Notes Reviewed 2016, 2017 and 2018 relief capacity checks.

65. Question Result, ID, References Sat, MO.GM.DISTVALVEINSPECT.R, 192.603(b) (192.747(a), 192.747(b))
Question Text *Do records indicate proper inspection and partial operation of each distribution system valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year, and prompt remedial action to correct any valve found inoperable?*
Assets Covered Ritzville #7780
Result Notes Reviewed 100% of all valve records including service and main emergency valves.
66. Question Result, ID, References NA, FS.FG.VAULTINSPECTFAC.R, 192.709(c) (192.749(a), 192.749(b), 192.749(c), 192.749(d))
Question Text *Do records document inspections at the required interval of all vaults having a volumetric internal content of 200 cubic feet (5.66 cubic meters) or more that house pressure regulating/limiting equipment?*
Assets Covered Ritzville #7780
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
67. 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 Ritzville #7780
Result Notes
 - Reviewed a sampling of tailgate meeting samples to show that accidental ignition was taken.
68. Question Result, ID, References Sat, DC.WELDPROCEDURE.WELD.R, 192.225(a) (192.225(b))
Question Text *Do records indicate weld procedures are being qualified in accordance with 192.225?*
Assets Covered Ritzville #7780
Result Notes Reviewed a sampling of PQR's and there are no issues.
69. Question Result, ID, References Concern, TQ.QUOMCONST.WELDER.R, 192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), 192.229(d), 192.328(a), 192.328(b), 192.807(a), 192.807(b))
Question Text *Do records indicate adequate qualification of welders?*
Assets Covered Ritzville #7780
Result Issue Summary Avista uses a spreadsheet to record when welders were tested and their due dates for when the next qualification test will occur. The spreadsheet dates did not match the actual dates on the welder qualification forms. Avista stated that they thought the due dates were the qualification dates instead of the actual recorded test dates. They will revise the forms. NO WELDERS EXCEEDED THE 7.5 MONTH REQUIREMENT. They have agreed to track the weld qualifications from the date the tests were completed. Avista stated that the spreadsheet is not an official tracking document.
- Result Notes Spec 3.22 Sheet 1.
- Reviewed weld qualifications for Eastern WA districts.
- Reviewed 100% of qualifications for WA State welders for 2018.
- Reviewed a percentage of welder qualifications for 2017 and 2019.
- Avista uses a spreadsheet to record when welders were tested and their due dates for when the next qualification test will occur. The spreadsheet dates did not match the actual dates on the welder qualification forms. Avista stated that they thought the due dates were the qualification dates instead of the actual recorded test dates. They will revise the forms. NO WELDERS EXCEEDED THE 7.5 MONTH REQUIREMENT. They have agreed to track the weld qualifications from the date the tests were completed. Avista stated that the spreadsheet is not an official tracking document.
70. Question Result, ID, References NA, TQ.QUOMCONST.NDT.R, 192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))
Question Text *Do records indicate the qualification of nondestructive testing personnel?*
Assets Covered Ritzville #7780

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

71. Question Result, ID, References Sat, DC.CO.PLASTICJOINTPROCEDURE.R, 192.273(b) (192.283(a), 192.283(b), 192.283(c), 192.283(d))

Question Text *Have plastic pipe joining procedures been qualified in accordance with 192.283?*

Assets Covered Ritzville #7780

Result Notes Procedure 3,23, 3,24 and 3.25

Uses performance pipe specifications and procedures.

72. Question Result, ID, References Sat, DC.CO.PLASTICJOINTQUAL.R, 192.285(d) (192.285(a), 192.285(b), 192.285(c), 192.807(a), 192.807(b))

Question Text *Do records indicate persons making joints in plastic pipelines are qualified in accordance with 192.285?*

Assets Covered Ritzville #7780

Result Notes Reviewed all fusion qualification dates for district employees for 2016 through 2019.

73. Question Result, ID, References Sat, DC.CO.PLASTICJOINTINSR.R, 192.287 (192.807(a), 192.807(b))

Question Text *Do records indicate persons inspecting the making of plastic pipe joints have been qualified?*

Assets Covered Ritzville #7780

Result Notes PE joiners inspect their own products.

74. Question Result, ID, References Sat, DC.CO.PLASTICPIPESEP.R,

Question Text *Do records indicate minimum separation requirements are met for plastic pipelines?*

Assets Covered Ritzville #7780

Result Notes Reviewed during pre inspection field crew inspections. Also certain asbuilt records indicate separation.

75. Question Result, ID, References Concern, DC.METERREGSVC.REGTEST.R,

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

Assets Covered Ritzville #7780

Result Issue Summary Avista records some regulator lockup pressure in PSIG even though they are actually set at inches water column. Their electronic form does not appear to allow the recording of pressures in inches water column. They will modify the form. This did not lead to any non-compliance.

Result Notes Avista records some regulator lockup pressure in PSIG even though they are actually set at inches water column. Their electronic form does not appear to allow the recording of pressures in inches water column. They will modify the form. This did not lead to any non-compliance.

76. Question Result, ID, References Unsat, MO.RW.LEAKFOLLOW.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 Ritzville #7780

Result Issue Summary On 8/8/2017 Avista repaired a leak at 114 NW McKinley St #B in Stevenson WA.

2.9% gas in air was left as a residual reading after the repair. Any residual gas left after a leak repair requires a follow-up inspection within 30 days.

Records indicate that Avista did not conduct a follow up until 9/21/2017. This did not meet the 30 day maximum follow-up requirement.

Standard Issues B2 (Moderate or small impact/limited occurrence) : WAC 480-93-186(3) : Records indicate requirement not completed at required intervals.

Result Notes On 8/8/2017 Avista repaired a leak at 114 NW McKinley St #B in Stevenson WA.

2.9% gas in air was left as a residual reading after the repair. Any residual gas left after a leak repair requires a follow-up inspection within 30 days.

Records indicate that Avista did not conduct a follow up until 9/21/2017. This did not meet the 30 day maximum follow-up requirement.

77. 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 **Ritzville #7780**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No leaks we reviewed were downgraded.**
78. Question Result, ID, References **Sat, MO.RW.LEAKREPAIRTIME.R,**
 Question Text *Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601?*
 Assets Covered **Ritzville #7780**
 Result Notes **Reviewed 100% of all gas leak records for 2016 to 2018**
79. Question Result, ID, References **Sat, MO.RW.LEAKRECORDS.R,**
 Question Text *Have gas leak records been prepared and maintained as required?*
 Assets Covered **Ritzville #7780**
 Result Notes **Reviewed 100% of all gas leaks for 2016 to 2018**
80. 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))**
 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 **Ritzville #7780**
 Result Notes **Manual appears to have adequate procedures and is updated constantly.**

FR.FIELDPIPE: Pipeline Inspection (Field)

81. Question Result, ID, References **Sat, DC.MA.MARKING.O, 192.63(a) (192.63(b), 192.63(c), 192.63(d))**
 Question Text *Are pipe, valves, and fittings properly marked for identification?*
 Assets Covered **Ritzville #7780**
82. Question Result, ID, References **Sat, DC.DPC.GDVALVEPLACEMENT.O, 192.141 (192.181(a), 192.181(b), 192.181(c))**
 Question Text *Are distribution line valves being installed as required of 192.181?*
 Assets Covered **Ritzville #7780**
83. Question Result, ID, References **Sat, DC.METERREGSVC.CUSTOMETERREGLOC.O, 192.351 (192.353(a), 192.353(b), 192.353(c), 192.353(d))**
 Question Text *Are meters and service regulators being located consistent with the requirements of 192.353?*
 Assets Covered **Ritzville #7780**
 Result Notes **Reviewed in the field during pre audit inspection work and crew inspections.**
84. Question Result, ID, References **Sat, DC.METERREGSVC.CUSTOMETERREGPROT.O, 192.351 (192.355(a), 192.355(b), 192.355(c))**
 Question Text *Are meters and service regulators being protected from damage consistent with the requirements of 192.355?*
 Assets Covered **Ritzville #7780**
85. Question Result, ID, References **Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: ATT1FR.FIELDPCS)**
 Question Text *Are line markers placed and maintained as required?*
 Assets Covered **Ritzville #7780**
 Result Notes **Reviewed during pre audit field inspections.**
86. Question Result, ID, References **Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: ATT1FR.FIELDPCS)**
 Question Text *Are line markers placed and maintained as required for above ground pipelines?*
 Assets Covered **Ritzville #7780**
87. Question Result, ID, References **Sat, DC.METERREGSVC.CUSTOMETERREGINSTALL.O, 192.351 (192.357(a), 192.357(b), 192.357(c), 192.357(d))**

Question Text *Are meters and service regulators being installed consistent with the requirements of 192.357?*
Assets Covered **Ritzville #7780**

88. Question Result, ID, References **NA, DC.METERREGSVC.CUSTOMETEROPPRESS.O, 192.351 (192.359(a), 192.359(b), 192.359(c))**

Question Text *Are customer meter operating pressures consistent with the requirements of 192.359?*
Assets Covered **Ritzville #7780**

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

89. Question Result, ID, References **Sat, DC.METERREGSVC.SVCLINEINSTALL.O, 192.351 (192.361(a), 192.361(b), 192.361(c), 192.361(d), 192.361(e), 192.361(f), 192.361(g))**

Question Text *Are customer service lines being installed consistent with the requirements of 192.361?*
Assets Covered **Ritzville #7780**

Result Notes **Observed during crew inspections.**

90. Question Result, ID, References **Sat, DC.METERREGSVC.SVCLINEVLLOCATEREQT.O, 192.351 (192.363(a), 192.363(b), 192.363(c), 192.365(a), 192.365(b), 192.365(c))**

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

Assets Covered **Ritzville #7780**

Result Notes **Observed during routine crew inspections.**

91. Question Result, ID, References **Sat, DC.METERREGSVC.SVCLINECONNECT.O, 192.351 (192.367(a), 192.367(b), 192.369(a), 192.369(b))**

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

Assets Covered **Ritzville #7780**

Result Notes **Observed during routine crew inspections.**

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

Question Text *Are customer service lines being installed constructed appropriately for the types of materials used?*
Assets Covered **Ritzville #7780**

93. Question Result, ID, References **Sat, DC.METERREGSVC.NEWSVCLINENOTUSED.O, 192.351 (192.379, 192.379(a), 192.379(b), 192.379(c))**

Question Text *Are new customer service lines not in use configured in accordance with the requirements of 192.379?*
Assets Covered **Ritzville #7780**

Result Notes **service lines are plugged and off and locked.**

94. Question Result, ID, References **Sat, DC.METERREGSVC.EXCSFLOWVLVLOCATE.O, 192.351 (192.381(c), 192.381(d), 192.381(e))**

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

Assets Covered **Ritzville #7780**

95. Question Result, ID, References **Sat, DC.METERREGSVC.REGTEST.O,**

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

Assets Covered **Ritzville #7780**

96. Question Result, ID, References **NA, TD.COAT.NEWPIPEINSTALL.O, 192.461(d)**

Question Text *Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?*

Assets Covered **Ritzville #7780**

Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No steel was observed being installed.**

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

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

Assets Covered **Ritzville #7780**

Result Notes PSP reads were observed in the field. Instrument calibration was verified.

98. Question Result, ID, References Sat, TD.CP.MONITOR.CURRENTTEST.O, 192.465(b)
Question Text *Are impressed current sources properly maintained and are they functioning properly?*
Assets Covered Ritzville #7780
99. 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 Ritzville #7780
100. Question Result, ID, References Sat, TD.CP.MONITOR.TESTSTATION.O, 192.469
Question Text *Do cathodically protected pipelines have a sufficient number of test stations?*
Assets Covered Ritzville #7780
101. Question Result, ID, References Sat, TD.CP.MONITOR.TESTLEAD.O, 192.471(a)
Question Text *Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?*
Assets Covered Ritzville #7780
102. Question Result, ID, References Sat, FS.FG.CASING.O,
Question Text *Are all casings bare steel and do they have test leads installed on new casings without vents?*
Assets Covered Ritzville #7780
103. Question Result, ID, References Sat, FS.FG.CASESEAL.O,
Question Text *Does the operator seal both ends of casings/conduits for mains and transmission lines and seal the end nearest the building for service lines?*
Assets Covered Ritzville #7780
Result Notes Observed during routine crew inspections.
104. Question Result, ID, References NA, TD.CP.MONITOR.INTFRCURRENT.O, 192.473(a)
Question Text *Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?*
Assets Covered Ritzville #7780
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
105. Question Result, ID, References Sat, TD.CP.ADJACENTMETAL.O, 192.473(b)
Question Text *Are impressed current type cathodic protection systems and galvanic anode systems installed so as to minimize any adverse effect on existing adjacent underground metallic structures?*
Assets Covered Ritzville #7780
106. Question Result, ID, References Sat, TD.ICP.CORRGASPRVNT.O, 192.475(a)
Question Text *If the transportation of corrosive gas is not allowed, is the transportation of corrosive gas prevented?*
Assets Covered Ritzville #7780
Result Notes Corrosive gas is not allowed by contract. Chromatographs are used at the entry points of the interstate system.
107. Question Result, ID, References NA, TD.ICP.CORRGASACTION.O, 192.477
Question Text *Are adequate actions taken when corrosive gas is being transported by pipeline?*
Assets Covered Ritzville #7780
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
108. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c)) (also presented in: ATT1FR.FIELDSCS)

Question Text *Is pipe that is exposed to atmospheric corrosion protected?*
Assets Covered Ritzville #7780

109. Question Result, ID, References NA, AR.RCOM.REMEDIATIONOM.O, 192.487(a) (192.487(b))

Question Text *Is anomaly remediation and documentation of remediation adequate for all segments?*
Assets Covered Ritzville #7780

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

110. Question Result, ID, References Sat, MO.GOODOR.ODORIZE.O, 192.625(a) (192.625(c), 192.625(d), 192.625(e), 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 Ritzville #7780

Result Notes Odorization records for 2016-2019 were reviewed. Odorization samples were taken in the field.

111. Question Result, ID, References NA, MO.GO.PURGE.O, 192.629(a) (192.629(b))

Question Text *Are lines being purged in accordance with 192.629?*

Assets Covered Ritzville #7780

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

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

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

Assets Covered Ritzville #7780

Result Notes Regulator stations were field tested on a sampling basis. Stevenson and Goldendale were 100% tested.

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

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

Assets Covered Ritzville #7780

Result Notes Yes Stevenson is a looped system and they have telemetry.

114. Question Result, ID, References Sat, MO.GMOPP.MULTIPRESSREG.O,

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

Assets Covered Ritzville #7780

115. Question Result, ID, References Sat, MO.GM.DISTVALVEINSPECT.O, 192.747(a) (192.747(b))

Question Text *Is proper inspection and partial operation being performed for each distribution system valve that might be required in an emergency, and prompt remedial action to correct any valves found inoperable?*

Assets Covered Ritzville #7780

Result Notes 100% of valve records were reviewed for 2016 to 2019. A sampling of valves were operated in the field.

116. Question Result, ID, References NA, MO.GM.VAULTINSPECT.O, 192.749(a) (192.749(b), 192.749(c), 192.749(d))

Question Text *Are vault inspections adequate?*

Assets Covered Ritzville #7780

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

117. 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 Ritzville #7780

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

118. Question Result, ID, References NA, AR.PTI.PLASTICPRESSURETEST.O,

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

Assets Covered Ritzville #7780

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

119. Question Result, ID, References Sat, AR.PTI.EQUIPCALIB.O,

Question Text *Is pressure testing equipment calibrated according to calibration schedules and procedures?*

Assets Covered Ritzville #7780

Result Notes All gauges observed during field testing were properly calibrated.

120. Question Result, ID, References Sat, DC.CO.PLASTICPIPEPROC.O,

Question Text *Is plastic pipe handled, stored and installed in accordance with manufacturer's recommendations, including maximum ultraviolet exposure?*

Assets Covered Ritzville #7780

121. Question Result, ID, References NA, DC.CO.PLASTICWEAKLINK.O,

Question Text *Is a weak link installed when pulling plastic pipe by mechanical means?*

Assets Covered Ritzville #7780

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

122. Question Result, ID, References Sat, DC.CO.PLASTICPIPESEP.O,

Question Text *Are plastic pipelines installed with the minimum separation from other utilities as required?*

Assets Covered Ritzville #7780

Result Notes Observed during routine crew inspections.

123. Question Result, ID, References Sat, DC.CO.PLASTICBACKFILL.O,

Question Text *Is plastic pipe buried in essentially rock-free material or material recommended by the pipe manufacturer?*

Assets Covered Ritzville #7780

124. Question Result, ID, References NA, DC.CO.PLASTICSQUEEZING.O,

Question Text *Is the number of times plastic pipe can be squeezed and how far from fittings plastic pipe can be squeezed limited?*

Assets Covered Ritzville #7780

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

125. Question Result, ID, References Sat, MO.GM.ONSITEPROCS.O,

Question Text *Are procedures applicable to the work being done located onsite where the work is being done?*

Assets Covered Ritzville #7780

Result Notes Observed during routine crew inspections.

ATT1FR.FIELDCS: Compressor Stations Inspection (Field)

126. Question Result, ID, References Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: FR.FIELDPIPE)

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

Assets Covered Ritzville #7780

Result Notes Reviewed during pre audit field inspections.

127. Question Result, ID, References Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: FR.FIELDPIPE)

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

Assets Covered Ritzville #7780

128. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c)) (also presented in: FR.FIELDPIPE)

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

Assets Covered Ritzville #7780

GDIM.IMPL: GDIM Implementation

129. Question Result, ID, References **Sat, GDIM.RR.MECHANICALFITTINGDATAIMPL.R, 192.1009 (191.12)** (also presented in: PRR.REPORT)
Question Text *Have accurate records been maintained documenting mechanical fitting failures that resulted in hazardous leaks?*
Assets Covered **Ritzville #7780**
Result Notes **Reviewed annual fitting failure reports. No issues.**

MISCTOPICS.PUBAWARE: Public Awareness Program Effectiveness

130. 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: PRR.OM)
Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
Assets Covered **Ritzville #7780**
Result Notes **Uses Paradigm for outreach. .**

Reviewed records of contacts, contact lists and emergency response discussions on capabilities and mutual aid.
131. Question Result, ID, References **Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4)** (also presented in: PRR.OM)
Question Text *Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?*
Assets Covered **Ritzville #7780**
Result Notes **A full PA audit was conducted in March 2019**
132. Question Result, ID, References **Sat, PD.PA.LANGUAGE.R, 192.616(g) (API RP 1162 Section 2.3.1)** (also presented in: PRR.OM)
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 **Ritzville #7780**
Result Notes **A full PA audit was conducted in March 2019**
133. Question Result, ID, References **Sat, PD.PA.MSTRMETER.R, 192.616(j) (192.616(h), API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)** (also presented in: PRR.OM)
Question Text *Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?*
Assets Covered **Ritzville #7780**
Result Notes **A complete Public Awareness inspection was conducted in March 2019 under #7782.**

Report Parameters: Results: all

Except as required to be disclosed by law, any inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection documentation may contain information which the operator considers to be confidential. In addition, supplemental inspection guidance and related documents in the file library are also for internal use only by federal or state pipeline safety regulators (with the exception of documents published in the federal register, such as advisory bulletins). Do not distribute or otherwise disclose such material outside of the state or federal pipeline regulatory organizations. Requests for such information from other government organizations (including, but not limited to, NTSB, GAO, IG, or Congressional Staff) should be referred to PHMSA Headquarters Management.