

Inspection Output (IOR)

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Report Filters

Assets Avista Utilities Corp- PULLMAN/CLARKSTON / 90865 (1788)

Results All

Inspection Information

Inspection Name	8760 Avista Pullman/Clarkston Standard	Operator(s)	AVISTA CORP (31232)	Plan Submitted	06/27/2024
		Lead	Derek Norwood	Plan Approval	06/28/2024 by Dennis Ritter
Status	LOCKED	Observer(s)	David Cullom, Lex Vinsel, Anthony Dorrrough, Scott Anderson, John Trier, Marina Rathbun, Tom Green, Jason Hoxit	All Activity Start	04/18/2024
Start Year	2024	Supervisor	Dennis Ritter	All Activity End	05/30/2024
System Type	GD	Director	Scott Rukke	Inspection Submitted	06/28/2024
Protocol Set ID	WA.GD.2023.02			Inspection Approval	06/28/2024 by Scott Rukke

Inspection Summary

Inspection Scope and Summary

This inspections was a standard inspection and included a records review and field inspection of Avista assets in Pullman/Clarkston district. Records reviewed were from 2021 to 2023. Records were provided to WUTC staff via email, were reviewed via Microsoft Teams and in person. Facilities visited included regulator stations, cp test points, casing, bridge crossing, valves and odorant test sites in Clarkston, Colton, Uniontown, Pullman, Palouse, Colfax, Rosalia, St John, LaCrosse, and Endicott.

There were no findings or areas of concern as a result of the inspection.

Facilities visited and Total AFOD

Records were provided to WUTC staff via email, were reviewed via Microsoft Teams and in person. Facilities visited included regulator stations, cp test points, casing, bridge crossing, valves and odorant test sites in Clarkston, Colton, Uniontown, Pullman, Palouse, Colfax, Rosalia, St John, LaCrosse, and Endicott.

Summary of Significant Findings

There were no findings or areas of concern as a result of the inspection.

Primary Operator contacts and/or participants

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Operator executive contact and mailing address for any official correspondence

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Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1.	90865 (1788)	Avista Utilities Corp- PULLMAN/CLARKSTON	unit	90865	Storage Fields Bottle/Pipe - Holders Offshore	153	153	153	100.0%

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

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

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	90865 (1788)	WUTC Standard Inspection	PRO, PRR, FR, GDIM, LPGIM, MISCTOPICS, GENERIC	P, R, O, S	Detail	--
2.	90865 (1788)	--	MISCTOPICS.PROT9	P, R, O, S	Detail	--

Plan Implementations

Activity #	Name	SMART Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1.	Records	--	04/18/2024	05/30/2024	--	all planned questions	all assets	P, R	95	95	95	95	100.0%
2.	Field	--	05/20/2024	05/23/2024	--	all planned questions	all assets	O	58	58	58	58	100.0%

1. Since questions may be implemented in multiple activities, but answered only once, questions may be represented more than once in this table.

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

3. Question counts and completion percents are filtered to include only questions planned for and results applied to the filtered Assets.

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	Records	COMPLETED	06/27/2024	Records	90865 (1788)

Results (all values, 153 results)

156 (instead of 153) results are listed due to re-presentation of questions in more than one sub-group.

PRO.SUBLNORMOPS: Normal Operating And Maintenance

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

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

Assets Covered 90865 (1788)

Result Notes GESH Section 1

Priority of Service Requests

PRR.REPORT: Reporting

2. Question Result, ID, References **Sat, RPT.RR.IMMEDREPORT.R, 191.5(a) (191.7(a), 191.7(d))**
 Question Text *Do records indicate immediate notifications of incidents were made in accordance with 191.5?*
 Assets Covered **90865 (1788)**
 Result Notes **2 state reportable incidents and one no federal incident**
- State
- One in Asotin and one in St John
- Both incidents were MAOP exceedances
- Federal
- Major Gas Outage due to farmer excavation with no locates
- NRC No. 20230074-38920
3. Question Result, ID, References **Sat, RPT.RR.INCIDENTREPORT.R, 191.9(a)**
 Question Text *Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.1 within the required time frame?*
 Assets Covered **90865 (1788)**
 Result Notes **Incident occurred 11/8/23 and Form 7100.1 submitted 12/6/23**
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 **90865 (1788)**
 Result Notes **No such activity/condition was observed during the inspection.**
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 **90865 (1788)**
 Result Notes **Annual reports are submitted annually to PHMSA by Avista. Copies were forwarded to WUTC via email on 3/4/22 for CY 2021, on 3/7/23 for CY 2022 and on 3/14/24 for CY 2023.**
6. Question Result, ID, References **Sat, RPT.RR.UTCANNUALREPORTS.R,**
 Question Text *Have complete and accurate annual reports been submitted to the commission?*
 Assets Covered **90865 (1788)**
 Result Notes **Copies were sent to WUTC via email on 3/4/22 for CY 2021, on 3/7/23 for CY 2022 and on 3/14/24 for CY 2023.**
7. Question Result, ID, References **Sat, RPT.RR.MISDATAREPORTS.R,**
 Question Text *Has the operator submitted a copy of DOT Drug and Alcohol Testing MIS Data Collection Form to the commission when required?*
 Assets Covered **90865 (1788)**
 Result Notes **2023 submitted 3/14/2024**
- 2022 submitted 3/7/2023**
- 2021 submitted 3/1/2022**
8. Question Result, ID, References **NA, RPT.RR.SRCR.R, 191.23(a) (191.23(b), 191.25(a), 191.25(c))**
 Question Text *Do records indicate safety-related condition reports were filed as required?*
 Assets Covered **90865 (1788)**

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

9. 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 90865 (1788)

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

10. Question Result, ID, References Sat, RPT.RR.THIRTYDAYRPT.R,

Question Text Has the operator submitted a written report within 30 days following each reportable incident?

Assets Covered 90865 (1788)

Result Notes Incident in St John

Occurred 10/6/21

30-day report submitted 11/4/21

Incident in Asotin

Occurred 11/18/22

30-Day report submitted 12/14/22

11. 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 90865 (1788)

Result Notes Avista provides Buried Natural Gas Insert Brochure (Form N-2645)

12. 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 90865 (1788)

Result Notes Reviewed a sample of notifications

All were submitted by 10 AM

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

Question Text Has the operator provided accurate maps (or updates) of all pipelines operating over 250 psig to specifications developed by the commission sufficient to meet the needs of first responders?

Assets Covered 90865 (1788)

Result Notes Reviewed NPMS submissions along with submissions to UTC

PRR.CORROSION: Corrosion Control

14. 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 90865 (1788)

Result Notes Reviewed CP Tech and Supervisor NACE Certs

15. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a) (192.491(b), 192.491(c))

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

Assets Covered 90865 (1788)

Result Notes Reviewed maps of Pullman/Clarkston and surrounding areas

All assets identified

16. 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 90865 (1788)

Result Notes Reviewed unbonded coating in Clarkston, service abandoned

Reviewed exposed pipe reports from 2021-2023

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

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

Assets Covered 90865 (1788)

Result Notes Avista uses -850 mV criteria

18. 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 90865 (1788)

Result Notes Reviewed Annual CP reads

Completed annually NTE 15 months

Reviewed sample of 10-year reads,

Completed 2002, 2012 and 2022

19. 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 90865 (1788)

Result Notes 10th & Highland

New Rectifier

5 reads in 2022, nothing for 2021

ground bed drilled Dec 2021

First day on Jan 27, 2022

Completed initial inspection on Jan 27, 2022

All other data looked good, 6x per year NTE 2.5 months

20. Question Result, ID, References NA, TD.CPMONITOR.REVCURRENTTEST.R, 192.491(c) (192.465(c))

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

Assets Covered 90865 (1788)

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

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

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

Assets Covered 90865 (1788)

Result Notes Four locations with inadequate CP or errant CP reads, Avista followed up at all locations within 90 days

22. Question Result, ID, References NA, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))
Question Text *Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?*
Assets Covered 90865 (1788)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
23. Question Result, ID, References NA, FS.FG.CASINGTESTLEAD.R,
Question Text *Do records indicate that all casings without vents installed after September 5, 1992 had separate test lead wires installed?*
Assets Covered 90865 (1788)
Result Notes No new casings installed during inspection interval
24. 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 90865 (1788)
Result Notes No casing or conduit installed in this district from 2021 to 2023
25. 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 90865 (1788)
Result Notes Casings inspected annually
26. Question Result, ID, References Sat, TD.CP.ELECISOLATETEST.R, 192.491(c) (192.467(d))
Question Text *Do records adequately document the inspection and electrical testing performed to ensure that electrical isolation is adequate?*
Assets Covered 90865 (1788)
Result Notes All casings inspected annually NTE 15 months
- Clarkston looked good
- Two shorted casings in Pullman district
- Pullman
- Question about 127 W 1st St, Rosalia (Row 516)
- Casing ON/OFF reads >-1000mV
- Increase of ~300 mV between 2021 and 2022
- Row 795
- 982 mV casing OFF
- Ask about battery test and leak survey
27. Question Result, ID, References Sat, TD.CP.CASINGINSPECT.R,
Question Text *Do records indicate that annual casing inspections have been performed to ensure electrical isolation from the pipeline?*
Assets Covered 90865 (1788)

Result Notes All casings inspected annually NTE 15 months

Clarkston looked good

Pullman

Question about 127 W 1st St, Rosalia (Row 516)

Casing ON/OFF reads >-1000mV

Increase of ~300 mV between 2021 and 2022

Known shorted casing

Row 795

-982 mV casing OFF

Known shorted casing

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

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

Assets Covered 90865 (1788)

Result Notes Reviewed maps of Pullman/Clarkston and surrounding areas

All assets identified

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

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

Assets Covered 90865 (1788)

Result Notes Reviewed test lead install on casing and carrier pipe (WO 1027361867)

CP read good after install

30. Question Result, ID, References NA, TD.CPMONITOR.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 90865 (1788)

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

31. 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 90865 (1788)

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

32. 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 90865 (1788)

Result Notes Reviewed records of internal inspections where pipe was removed, no corrosion, water, pitting, etc. has been found in this district

32 records for Clarkston

50 records for Pullman

33. 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 **90865 (1788)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

34. Question Result, ID, References **Sat, TD.ATM.ATMCORRODE.R, 192.491(c) (192.479(a), 192.479(b), 192.479(c))**
Question Text *Do records document the protection of above ground pipe from atmospheric corrosion?*
Assets Covered **90865 (1788)**
Result Notes **3-year surveys**

1515 15th st, Clarkston 3/16/22 and 4/15/2019

417 Sycamore St, Clarkston 3/10/2020 and 3/26/2024

608 3rd St, Asotin, 2/28/2018 and 2/1/21

711 Line St, Colton 4/3/23 and 3/11/21

411 S Fairview Ave, Rosalia, 4/3/2020 and 4/27/2023

Pullman

1300 NW Douglas Dr, Pullman

Row 357 (4/7/22)

Pitted riser needs replaced

Repaired 8/12/22

Clarkston

Row 211 (5/18/22)

Riser "Extremely corroded"

Repair 5/27/22

35. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINSP.R, 192.491(c) (192.481(a), 192.481(b), 192.481(c), 192.481(d))**
Question Text *Do records document inspection of aboveground pipe for atmospheric corrosion?*
Assets Covered **90865 (1788)**
Result Notes **Spot checked addresses**

previously on a 3 year schedule, currently transitioning to 5 year

1515 15th st, Clarkston 3/16/22 and 4/15/2019

417 Sycamore St, Clarkston 3/10/2020 and 3/26/2024

608 3rd St, Asotin, 2/28/2018 and 2/1/21

711 Line St, Colton 4/3/23 and 3/11/21

411 S Fairview Ave, Rosalia, 4/3/2020 and 4/27/2023

Pullman

1300 NW Douglas Dr, Pullman

Row 357 (4/7/22)

Pitted riser needs replaced

Repaired 8/12/22

Clarkston

Row 211 (5/18/22)

Riser "Extremely corroded"

Repair 5/27/22

36. 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 **90865 (1788)**
Result Notes **Reviewed sample of new steel installations, material lists indicated that pipe is FBE coated**
GSM 3.12 specifies that that pipe will be coated/wrapped prior to burying
37. Question Result, ID, References **NA, TD.CPEXPOSED.EXTCORRODREPAIR.R, 192.491(c) (192.487, 192.489)**
Question Text *Do records document the repair or replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining pipe wall strength?*
Assets Covered **90865 (1788)**
Result Notes **No repairs due to external corrosion in this district during inspection interval**
38. Question Result, ID, References **NA, TD.ICP.EVALUATE.R, 192.491(c) (192.487)**
Question Text *Do records document adequate evaluation of internally corroded pipe?*
Assets Covered **90865 (1788)**
Result Notes **No repairs due to internal corrosion in this district during inspection interval**
39. Question Result, ID, References **NA, TD.ICP.REPAIRINT.R, 192.491(c) (192.487, 192.489)**
Question Text *Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?*
Assets Covered **90865 (1788)**
Result Notes **No repairs due to internal corrosion in this district during inspection interval**
40. Question Result, ID, References **NA, AR.RCOM.REPAIR.R, 192.491(c) (192.487, 192.489)**
Question Text *Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?*
Assets Covered **90865 (1788)**
Result Notes **No repairs due to corrosion in this district during inspection interval**

PRR.PT: Pressure Test

41. Question Result, ID, References **Sat, DC.PTLOWPRESS.PRESSTESTLOWSTRESS.R, 192.517(a) (192.507(a), 192.507(b), 192.507(c))**
 Question Text *Do records indicate that pressure testing is conducted in accordance with 192.507?*
 Assets Covered **90865 (1788)**
 Result Notes **One HP pipe replacement during this inspection timeframe**

Occurred in St John, WA

See attached records for pressure test

No concern
42. Question Result, ID, References **Sat, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.517(b) (192.509(a), 192.509(b))**
 Question Text *Do records indicate that pressure testing is conducted in accordance with 192.509(a) (except for service lines and plastic pipelines)?*
 Assets Covered **90865 (1788)**
 Result Notes **AFM is system of records**

Can track all installs and can see pipe data and pressure test records

Reviewed a sample of records during inspection
43. 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 **90865 (1788)**
 Result Notes **AFM is system of records**

Can track all installs and can see pipe data and pressure test records

Reviewed a sample of records during inspection
44. Question Result, ID, References **Sat, DC.PLASTIC.PRESSTESTPLASTIC.R, 192.517(b) (192.513(a), 192.513(b), 192.513(c), 192.513(d))**
 Question Text *Do records indicate that pressure testing is conducted in accordance with 192.513?*
 Assets Covered **90865 (1788)**
 Result Notes **AFM is system of records**

Can track all installs and can see pipe data and pressure test records

Reviewed a sample of records during inspection

PRR.UPRATE: Uprating

45. 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 **90865 (1788)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
46. 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 192.619 and 192.621?*
 Assets Covered **90865 (1788)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
47. 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 90865 (1788)

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

PRR.OM: Operations And Maintenance

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

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

Assets Covered 90865 (1788)

Result Notes Annual review conducted on an annual basis annually not to exceed an annual timeframe.

Staff reviewed O&M revision log

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

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

Assets Covered 90865 (1788)

Result Notes Construction records are available at each district office and all intermediate as-built records are housed there. Maps are GIS-based and available on all Go-Books and on the Company GIS site. Operating history is a combination of the above and from Control Room / Gas Engineering.

Verified in field

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

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

Assets Covered 90865 (1788)

Result Notes Reviewed sample of Survey123 Audit Forms

Avista conducts unannounced onsite and post work audits

Reviewed construction, valve inspection, locate, etc.

51. 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 90865 (1788)

Result Notes Trouble order inspection GESH Section 1 Page 6

Reviewed a sample during inspection

Complete field inspection alongside servicemen as available

52. 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 90865 (1788)

Result Notes Reviewed training material and attendance records

53. Question Result, ID, References Sat, EP.ERG.LIAISON.R, 192.603(b) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-2005-03) (also presented in: MISCTOPICS.PUBAWARE)

Question Text *Do records indicate liaisons established and maintained with appropriate fire, police, other public officials, and 911 emergency call centers in accordance with procedures?*

Assets Covered 90865 (1788)

Result Notes Reviewed liaison events from 2021-2023

Avista targets 4 contacts with various audiences

4 in 2021, 4 in 2022 and 9 in 2023

54. 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 [90865 \(1788\)](#)
Result Notes [English and Spanish in Pullman/Clarkston District](#)
- [Reviewed PA documents](#)
55. Question Result, ID, [Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616\(c\) \(API RP 1162 Section 8.4\)](#) (also presented in: References [MISCTOPICS.PUBAWARE](#))
Question Text *Do records indicate program effectiveness evaluation(s) have been performed and cover all program requirements and all systems covered by the program?*
Assets Covered [90865 \(1788\)](#)
Result Notes [4-year effectiveness evaluation completed in 2021](#)
- [Reviewed key findings and strategic recommendations](#)
56. Question Result, ID, [Sat, EP.ERG.INCIDENTANALYSIS.R, 192.605\(a\) \(192.617\)](#)
References
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 [90865 \(1788\)](#)
Result Notes [Reviewed a sample of Form N-2614](#)
- [Gas Material Failure Report](#)
57. Question Result, ID, [Sat, PD.DP.PDPROGRAM.R, 192.614\(c\)](#)
References
Question Text *Does the damage prevention program meet minimum requirements specified in 192.614(c)?*
Assets Covered [90865 \(1788\)](#)
Result Notes [GSM Section 4.13](#)
- [Avista is part of WA 811](#)
58. Question Result, ID, [Sat, MO.GOMAOP.MAOPDETERMINE.R, 192.619\(a\) \(192.619\(b\), 192.621\(a\), 192.621\(b\), 192.623\(a\), 192.623\(b\)\)](#)
References
Question Text *Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?*
Assets Covered [90865 \(1788\)](#)
Result Notes [Reviewed pressure test records](#)
- [1 pressure test on a high pressure line in Rosalia](#)
- [Others reviewed for distribution pressure mostly on PE lines](#)
59. Question Result, ID, [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\(f\)\)](#)
References
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 [90865 \(1788\)](#)
Result Notes [Odorization performed monthly](#)

reviewed records for 2021-2023

Follow-up performed when deficiencies identified

60. Question Result, ID, References Sat, MO.RW.DISTPATROL.R, 192.603(b) (192.721(a), 192.721(b))
Question Text *Do records indicate distribution patrolling was conducted as required?*
Assets Covered 90865 (1788)
Result Notes Performed annually NTE 15 months

2022 Pullman bridge patrol

2" paint peeling

Bridge St. S of Main (Maximo ID 21077983)

Avista in process of relocating line

2023 Pullman Bridge Patrol

8" palouse river @ grand ave

Possible corrosion

Found Q2 2023

Visited during field inspection, no concerns

2022 Pullman Patrol

Palouse/Albion HP Feeder washout (WO 1020626258)

Line drilled under stream in 2022

61. Question Result, ID, References Sat, 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 90865 (1788)
Result Notes Reviewed all leak with residual gas

All were followed up and verified no gas remained

No concerns

62. 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 90865 (1788)
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

63. 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 90865 (1788)
Result Notes All leaks were repaired in required timeframes

Follow-up performed if residual gas remained

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

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

Assets Covered 90865 (1788)

Result Notes Reviewed sample of records from 2020-2023

Avista documents leaks on Form N-2511

All required fields were documented

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

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

Assets Covered 90865 (1788)

Result Notes 1EA6D9

3/23/2016 and 3/3/21

1EA2C9

4/5/17 and 3/10/22

Asotin

1EAA2E

3/2/21 and 3/27/2016

Annual 3/2/21, 2/27/22, 2/27/23

St John

5 year - 4/6/21, 5/18/16

Annual 4/6/21, 5/11/22, 5/11/23

Endicott

5-year - 5/16/16 and 4/6/21

Annual 4/6/21, 4/28/22 and 5/11/23

Pullman 1E29D8

5year - 4/25/16, 3/23/21

annual - 3/23/21, 4/6/22, 4/25/23

66. Question Result, ID, References Sat, MO.RW.CASINGLEAKSURVEY.R,

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

Assets Covered 90865 (1788)

Result Notes Shorted casing discovered in Pullman on 4/7/21, special leak survey completed 4/8/21

All shorted casings are surveyed 2x per year

reviewed records for 2020-2023

67. Question Result, ID, References **Sat, MO.RW.MARKERSURVEY.R,**
 Question Text *Do records indicate that pipeline marker surveys were completed in the timeframe specified by WAC 480-93-124?*
 Assets Covered **90865 (1788)**
 Result Notes **Marker survey completed in 2021 for pullman/clarkston district**
- Completed by Sunrise Engineering**
- Prior to 2021 inspection, Avista conducted a statewide survey which was completed in 2015/2016**
68. 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 **90865 (1788)**
 Result Notes **Lines replaced during survey**
69. 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 **90865 (1788)**
 Result Notes **Avista identifies these as Code 9 tests**
- Reviewed records from 2021-2023**
- All necessary tests were performed in accordance with 192.725**
70. Question Result, ID, References **Sat, MO.GM.ABANDONPIPE.R, 192.709(c) (192.727(a), 192.727(b), 192.727(c), 192.727(d), 192.727(e), 192.727(f), 192.727(g))**
 Question Text *Do records indicate pipelines and facilities were abandoned or deactivated in accordance with requirements?*
 Assets Covered **90865 (1788)**
 Result Notes **GSM Spec 5.16 cover the procedure**
- Reviewed during meeting**
71. Question Result, ID, References **Sat, MO.GMOPP.PRESSREGTEST.R, 192.709(c) (192.739(a), 192.739(b))**
 Question Text *Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations?*
 Assets Covered **90865 (1788)**
 Result Notes **Inspection conducted annually NTE 15 months**
- No concerns**
72. Question Result, ID, References **Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))**
 Question Text *Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required?*
 Assets Covered **90865 (1788)**
 Result Notes **Reviewed calculation date records and reviewed a sample of reg cards to verify calculations were accurate and complete**
- reviewed records for 2021-2023**
73. Question Result, ID, References **Sat, 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 **90865 (1788)**

Result Notes Reviewed records of initial turn on and Avista response for high/low pressure calls

regulators are tested during these events

74. Question Result, ID, References Sat, MO.GM.DISTVALVEINSPECT.R, 192.603(b) (192.747(a), 192.747(b))

Question Text *Do records indicate proper inspection of each distribution system valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year, and prompt remedial action to correct any valve found inoperable?*

Assets Covered 90865 (1788)

Result Notes All valves in district inspected and operated annually

Reviewed records for 2021-2023

75. Question Result, ID, References NA, FS.FG.VAULTINSPECT.R, 192.709(c) (192.749(a), 192.749(b), 192.749(c), 192.749(d))

Question Text *Do records document the adequacy of inspections of all vaults having an internal volume =200 cubic feet (5.66 cubic meters) that house pressure regulating/limiting equipment?*

Assets Covered 90865 (1788)

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

76. 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 90865 (1788)

Result Notes Tailboard meetings prior to work being performed include section for accidental ignition prevention

Reviewed a sample of these records

77. Question Result, ID, References Sat, DC.DPC.FLANGE.R, 192.147(a) (192.147(b), 192.147(c))

Question Text *Do records indicate flanges and flange accessories meet the requirements of 192.147?*

Assets Covered 90865 (1788)

Result Notes Reviewed Avista's Gas Materials Catalog V4 for approved flanges and accessories, All were ANSI B16.5 rated

78. 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 90865 (1788)

Result Notes Weld Procedure Qualifications included with weld procedure

Staff reviewed a sample of procedures on Sharepoint site

79. Question Result, ID, References Sat, DC.WELDPROCEDURE.ESSENTIAL.R,

Question Text *Do records indicate that essential variables were measured and documented when welders and procedures were qualified?*

Assets Covered 90865 (1788)

Result Notes Essential variables documented on all weld tests and procedure qualifications

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

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

Assets Covered 90865 (1788)

Result Notes Reviewed Avista Welder qualifications

Completed every 6 months, typically March and September

Reviewed records for 2020-2023

81. 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 **90865 (1788)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
82. Question Result, ID, References **Sat, DC.PLASTIC.PLASTICJOINTPROCEDURE.R, 192.273(b) (192.283(a), 192.283(b), 192.283(c))**
 Question Text *Have plastic pipe joining procedures been qualified in accordance with 192.283?*
 Assets Covered **90865 (1788)**
 Result Notes **Gas Standards GSM Spec. 3.23, 3.24 and 3.25 for details on qualification of joining procedures--use industry standards from Performance Pipe**
83. Question Result, ID, References **Sat, DC.PLASTIC.PLASTICJOINTQUAL.R, 192.285(d) (192.285(a), 192.285(b), 192.285(c), 192.285(e), 192.807(a), 192.807(b))**
 Question Text *Do records indicate persons making joints in plastic pipelines are qualified in accordance with §192.285?*
 Assets Covered **90865 (1788)**
 Result Notes **Verified OQ and PE joiner qualifications during this inspection and during OQ Inspection (ID 8757)**
84. Question Result, ID, References **Sat, DC.PLASTIC.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 **90865 (1788)**
 Result Notes **Verified OQ and PE inspector qualifications during this inspection and during OQ Inspection (ID 8757)**
85. Question Result, ID, References **Sat, DC.CO.PLASTICPIPESEP.R,**
 Question Text *Do records indicate minimum separation requirements are met for plastic pipelines?*
 Assets Covered **90865 (1788)**
 Result Notes **No issues noted during field inspection**
86. Question Result, ID, References **Sat, MO.GM.EQUIPPLASTICJOINT.R, 192.603(b) (192.756)**
 Question Text *Do records indicate equipment used in joining plastic pipe by heat fusion was maintained in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?*
 Assets Covered **90865 (1788)**
 Result Notes **All construction cards indicate that equipment calibration and procedures were followed**

Reviewed a sample of cards and verified calibration date
87. Question Result, ID, References **Sat, MO.RW.BUSINESSDIST.R, 192.723(b)(1) (192.721(b)(1), 192.723(a), 192.613)**
 Question Text *Do the records clearly identify the areas of operator's distribution system that are considered Business Districts?*
 Assets Covered **90865 (1788)**
 Result Notes **Spec 5.11 Leak Survey**

Sheet 7

Reviewed maps and they seem consistent with conditions seen in the field
88. 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 **90865 (1788)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
89. 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 90865 (1788)

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

90. Question Result, ID, References Sat, MO.RW.MARKERSMAPSDRAW.R,

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

Assets Covered 90865 (1788)

Result Notes Reviewed marker survey which shows map locations

91. Question Result, ID, References Sat, PD.DP.EXCAVATEMARK.R, 192.614(c)(5)

Question Text *Do records indicate that marking proposed excavation sites was completed within two business days and in accordance with RCW 19.122?*

Assets Covered 90865 (1788)

Result Notes Avista has had some locates that were locate but in most cases they were able to provide an explanation

Avista provides incentives and penalties to the locating contractor for on time and late locates

ELM was around 96-97% in prior years but since implementing incentive program, they are closer to ~99% on time

FR.FIELDPIPE: Pipeline Inspection (Field)

92. Question Result, ID, References Sat, DC.MA.MARKING.O, 192.63(a) (192.63(b), 192.63(c), 192.63(d))

Question Text *Are pipe, valves, and fittings properly marked for identification in accordance with the requirements of 192.63?*

Assets Covered 90865 (1788)

Result Notes Checked equipment in the field and at pipe yard

Equipment appeared to be properly marked

93. Question Result, ID, References Sat, DC.DPC.FLANGE.O, 192.141 (192.147(a), 192.147(b), 192.147(c))

Question Text *Do flanges and flange accessories meet the requirements of 192.147?*

Assets Covered 90865 (1788)

Result Notes Checked equipment in the field and at pipe yard

Equipment appeared to be properly marked

94. Question Result, ID, References NA, 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 90865 (1788)

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

95. 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 90865 (1788)

Result Notes Checked pipe at pipe in Clarkston

No PE exceeded 2 years since manufacture date

96. Question Result, ID, References NA, DC.CO.PLASTICPIPESEP.O,

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

Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.

97. Question Result, ID, References NA, DC.CO.PLASTICBACKFILL.O,
Question Text *Is plastic pipe buried in essentially rock-free material or material recommended by the pipe manufacturer?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
98. Question Result, ID, References NA, DC.CO.PLASTICSQUEEZING.O,
Question Text *Verify that the operator has limits in place for squeezing plastic pipe.*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
99. 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 90865 (1788)
Result Notes Various CP reads taken at customer meters

Location was good and regulator installed as required
100. 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 90865 (1788)
Result Notes Meter location seemed appropriate to prevent damage
101. Question Result, ID, References NA, DC.METERREGSVC.CUSTOMETERREGINSTALL.O, 192.351 (192.357(a), 192.357(b), 192.357(c), 192.357(d))
Question Text *Based on the meters and service regulators observed being installed, are the installations consistent with the requirements of §192.357?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
102. 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 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
103. Question Result, ID, References NA, DC.METERREGSVC.SVCLINEINSTALL.O, 192.351 (192.361(a), 192.361(b), 192.361(c), 192.361(d), 192.361(e), 192.361(f), 192.361(g))
Question Text *Are customer service lines being installed consistent with the requirements of 192.361?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
104. Question Result, ID, References NA, DC.METERREGSVC.SVCLINEVLVLOCATEREQT.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 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
105. Question Result, ID, References NA, 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 90865 (1788)

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

106. Question Result, ID, NA, DC.METERREGSVC.SVCLINEMATERIAL.O, 192.351 (192.371, 192.373(a), 192.373(b), 192.373(c),
References 192.375(a), 192.375(b), 192.377)
Question Text *Are customer service lines being installed constructed appropriately for the types of materials used?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
107. Question Result, ID, NA, DC.METERREGSVC.NEWSVCLINENOTUSED.O, 192.351 (192.379, 192.379(a), 192.379(b),
References 192.379(c))
Question Text *Are new customer service lines not in use configured in accordance with the requirements of 192.379?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
108. Question Result, ID, NA, DC.METERREGSVC.EXCSFLOWVLVLOCATE.O, 192.351 (192.381(c), 192.381(d), 192.381(e))
References
Question Text *Are service line excess flow valves located and identified in accordance with the requirements of 192.381?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
109. Question Result, ID, NA, DC.METERREGSVC.REGTEST.O,
References
Question Text *Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
110. Question Result, ID, NA, DC.WELDPROCEDURE.ONSITE.O,
References
Question Text *Are qualified written welding procedures located onsite where welding is being performed?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
111. Question Result, ID, NA, DC.WELDPROCEDURE.ESSENTIAL.O,
References
Question Text *Does the operator document essential variables when qualifying welders and weld procedures?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
112. Question Result, ID, NA, TD.COAT.NEWPIPEINSTALL.O, 192.461(d)
References
Question Text *Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
113. Question Result, ID, Sat, TD.CPMONITOR.MONITORCRITERIA.O, 192.465(a) (192.463(b), 192.463(c), 192.463(a))
References
Question Text *Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?*
Assets Covered 90865 (1788)
Result Notes CP reads taken with calibrated half-cell and multimeter

Half-Cell calibrated December 2023

Multimeter calibrated December 2023
114. Question Result, ID, Sat, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)
References
Question Text *Do field observations confirm impressed current sources are properly maintained and are functioning properly?*

Assets Covered 90865 (1788)
Result Notes Rectifiers looked good

See attached Form R for details

115. 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 90865 (1788)
Result Notes Checked casings and isolation from Williams at reg station

See attached Form R for details

116. Question Result, ID, References Sat, TD.CP.ELECISOLATETEST.O, 192.467(d)
Question Text *Do field observations verify that inspection and electrical testing ensured that electrical isolation is adequate?*
Assets Covered 90865 (1788)
Result Notes Checked casings and isolation from Williams at reg station

See attached Form R for details

117. Question Result, ID, References Sat, TD.CP.CASINGINSPECT.O,
Question Text *Are casings electrically isolated from the pipeline?*
Assets Covered 90865 (1788)
Result Notes Checked casings

See attached Form R for details

118. 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 90865 (1788)
Result Notes Checked many test locations and checked maps prior to field inspection

Number of stations seems adequate

119. 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 90865 (1788)
Result Notes All test leads were in good condition and provided good readings

120. 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 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.

121. Question Result, ID, References NA, TD.ICP.CORRGASPRVNT.O, 192.475(a)
Question Text *If the transportation of corrosive gas is not allowed, is the transportation of corrosive gas prevented?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.

122. Question Result, ID, NA, TD.ICP.CORRGASACTION.O, 192.477
References
Question Text *Are adequate actions taken when corrosive gas is being transported by pipeline?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
123. Question Result, ID, Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c),
References 192.481(d))
Question Text *Do field observations indicate that pipe exposed to atmospheric corrosion is properly coated?*
Assets Covered 90865 (1788)
Result Notes All above ground locations visited looked to be well coated
124. Question Result, ID, NA, PD.DP.ONECALL.O, 192.614(c)(3)
References
Question Text *Observe operator process a "One Call" ticket.*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
125. Question Result, ID, Sat, MO.GOODOR.ODORIZE.O, 192.625(a) (192.625(c), 192.625(d), 192.625(e), 192.625(f))
References
Question Text *Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?*
Assets Covered 90865 (1788)
Result Notes Odorant readings taken in multiple towns throughout the district

See attached Form R for details
126. Question Result, ID, NA, MO.GO.PURGE.O, 192.629(a) (192.629(b))
References
Question Text *Are lines being purged in accordance with 192.629?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.
127. Question Result, ID, Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-
References 5, CGA Best Practices, v4.0, Practice 4-20)
Question Text *Are line markers placed and maintained as required?*
Assets Covered 90865 (1788)
Result Notes Markers were placed as required

One marker was down/damaged in LaCrosse, WA replaced in ~1 week
128. Question Result, ID, Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best
References Practices, v4.0, Practice 4-20)
Question Text *Are line markers placed and maintained as required for above ground pipelines?*
Assets Covered 90865 (1788)
Result Notes Markers were placed as required
129. Question Result, ID, Sat, MO.GMOPP.PRESSREGTEST.O, 192.739(a) (192.739(b))
References
Question Text *Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?*
Assets Covered 90865 (1788)
Result Notes Visited multiple regulator stations throughout the district

See attached Form R for details
130. Question Result, ID, NA, MO.GMOPP.PRESSREGMETER.O, 192.741(a) (192.741(b), 192.741(c))
References
Question Text *Are telemetering or recording gauges properly utilized as required for distribution systems?*
Assets Covered 90865 (1788)
Result Notes No such activity/condition was observed during the inspection.

131. Question Result, ID, References **NA, MO.GMOPP.MULTIPRESSREG.O,**
 Question Text *Are regulator stations installed in a manner to provide protection between regulator stages?*
 Assets Covered **90865 (1788)**
 Result Notes **No such activity/condition was observed during the inspection.**
132. Question Result, ID, References **Sat, MO.GM.DISTVALVEINSPECT.O, 192.747(a) (192.747(b))**
 Question Text *Is proper inspection being performed for each distribution system valve that might be required in an emergency, and prompt remedial action to correct any valves found inoperable?*
 Assets Covered **90865 (1788)**
 Result Notes **Inspected valves throughout the district, all were operational**

See attached Form R for details
133. Question Result, ID, References **NA, 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 **90865 (1788)**
 Result Notes **No such activity/condition was observed during the inspection.**
134. Question Result, ID, References **NA, 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 **90865 (1788)**
 Result Notes **No such activity/condition was observed during the inspection.**
135. Question Result, ID, References **NA, FS.FG.VAULTINSPECT.O, 192.749(a) (192.749(b), 192.749(c), 192.749(d))**
 Question Text *Are inspections of selected vaults with internal volume =200 cubic feet (5.66 cubic meters) housing pressure regulating/limiting equipment adequate?*
 Assets Covered **90865 (1788)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
136. Question Result, ID, References **Sat, AR.RMP.IGNITION.O, 192.751(a) (192.751(b), 192.751(c))**
 Question Text *Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.*
 Assets Covered **90865 (1788)**
 Result Notes **Field personnel were cognizant of ignition sources**

Signage for no smoking
137. Question Result, ID, References **NA, DC.PLASTIC.PLASTICWEAKLINK.O, 192.329(b) (192.376(b), 192.303)**
 Question Text *Do field observations confirm plastic lines and plastic service lines are being installed using a "weak link" (as defined by §192.3) to ensure the pipeline will not be damaged by any excessive forces during the pulling process?*
 Assets Covered **90865 (1788)**
 Result Notes **No such activity/condition was observed during the inspection.**
138. Question Result, ID, References **NA, MO.GM.EQUIPPLASTICJOINT.O, 192.756**
 Question Text *Is proper maintenance being performed on equipment used in joining plastic pipe by heat fusion in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?*
 Assets Covered **90865 (1788)**
 Result Notes **No such activity/condition was observed during the inspection.**

139. 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 **90865 (1788)**
 Result Notes **All personnel have access to procedures via laptop**
140. Question Result, ID, References **Sat, MO.RW.BUSINESSDIST.O, 192.723(b)(1) (192.721(b)(1), 192.723(a), 192.613)**
 Question Text *Do field observations indicate Business Districts are properly identified?*
 Assets Covered **90865 (1788)**
 Result Notes **Field conditions seem consistent with business district maps**
141. Question Result, ID, References **NA, AR.PTI.PLASTICPRESSURETEST.O,**
 Question Text *Is plastic pipe installed and backfilled prior to pressure testing?*
 Assets Covered **90865 (1788)**
 Result Notes **No such activity/condition was observed during the inspection.**
142. Question Result, ID, References **NA, AR.PTI.EQUIPCALIB.O,**
 Question Text *Is pressure testing equipment calibrated according to calibration schedules and procedures?*
 Assets Covered **90865 (1788)**
 Result Notes **No such activity/condition was observed during the inspection.**

MISCTOPICS.PROT9: OQ Field Inspection

143. Question Result, ID, References **NA, TQ.PROT9.CORRECTION.O, 192.801(a) (192.809(a))**
 Question Text *Have potential issues identified by the OQ plan inspection process been corrected at the operational level?*
 Assets Covered **90865 (1788)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
144. Question Result, ID, References **Sat, TQ.PROT9.QUALIFICATIONSTATUS.O, 192.801(a) (192.809(a))**
 Question Text *Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.*
 Assets Covered **90865 (1788)**
 Result Notes **All individuals were up-to-date on their OQs**

See attached
145. Question Result, ID, References **Sat, TQ.PROT9.TASKPERFORMANCE.O, 192.801(a) (192.809(a))**
 Question Text *Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures.*
 Assets Covered **90865 (1788)**
 Result Notes **All tasks were done in accordance with procedures**
146. Question Result, ID, References **Sat, TQ.PROT9.AOCRECOG.O, 192.801(a) (192.809(a))**
 Question Text *Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.*
 Assets Covered **90865 (1788)**
 Result Notes **Asked multiple personnel about AOCs, personnel were knowledgeable about steps to take**
147. Question Result, ID, References **Sat, TQ.PROT9.VERIFYQUAL.O, 192.801(a) (192.809(a))**
 Question Text *Observe in the field (job site, local office, etc.) that the foreman/supervisor/manager has verified the qualification of the individual performing the task, that the qualification records are current, and ensure*

the personal identification of all individuals performing covered tasks are checked, prior to task performance.

Assets Covered 90865 (1788)

Result Notes OQs verified prior to field inspections

MISCTOPICS.OPTRQUAL: Operator Qualification

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

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

Assets Covered 90865 (1788)

Result Notes All personnel were knowledgeable, had required skills and ability to perform each task

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

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

Assets Covered 90865 (1788)

Result Notes OQ inspection completed in 2024 (ID 8757)

No concerns or violations from this inspection

OQs also verified during the standard inspection

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

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

Assets Covered 90865 (1788)

Result Notes OQ inspection completed in 2024 (ID 8757)

No concerns or violations from this inspection

OQs also verified during the standard inspection

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

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

Assets Covered 90865 (1788)

Result Notes OQ inspection completed in 2024 (ID 8757)

No concerns or violations from this inspection

OQs also verified during the standard inspection

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

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

Assets Covered 90865 (1788)

Result Notes OQ inspection completed in 2024 (ID 8757)

No concerns or violations from this inspection

OQs also verified during the standard inspection

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

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

Assets Covered 90865 (1788)

Result Notes Asked multiple personnel about AOCs, personnel were knowledgeable about steps to take

MISCTOPICS.PUBAWARE: Public Awareness Program Effectiveness

154. Question Result, ID, Sat, EP.ERG.LIAISON.R, 192.603(b) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4),
References 192.616(c), ADB-2005-03) (also presented in: PRR.OM)
Question Text *Do records indicate liaisons established and maintained with appropriate fire, police, other public officials, and 911 emergency call centers in accordance with procedures?*
Assets Covered 90865 (1788)
Result Notes Reviewed liaison events from 2021-2023
- Avista targets 4 contacts with various audiences
- 4 in 2021, 4 in 2022 and 9 in 2023
155. Question Result, ID, Sat, PD.PA.LANGUAGE.R, 192.616(g) (API RP 1162 Section 2.3.1) (also presented in: PRR.OM)
References
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 90865 (1788)
Result Notes English and Spanish in Pullman/Clarkston District
- Reviewed PA documents
156. Question Result, ID, Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4) (also presented in: PRR.OM)
References
Question Text *Do records indicate program effectiveness evaluation(s) have been performed and cover all program requirements and all systems covered by the program?*
Assets Covered 90865 (1788)
Result Notes 4-year effectiveness evaluation completed in 2021
- Reviewed key findings and strategic recommendations

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.