

Inspection Output (IOR)

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Report Filters

Assets All, and including items not linked to any asset.

Results All

Inspection Information

Inspection Name	8579 Ellensburg Standard Inspection	Operator(s)	ELLENSBURG GAS DEPT, CITY OF (4400) Lead Derek Norwood	Plan Submitted	--
Status	STARTED	Team Members	David Cullom, Lex Vinsel, Anthony Dorrough, Scott Anderson	Plan Approval	--
Start Year	2023	Observer(s)	John Trier	All Activity Start	07/24/2023
System Type	GD	Supervisor	Dennis Ritter	All Activity End	07/27/2023
Protocol Set ID	WA.GD.2022.02	Director	Scott Rukke	Inspection Submitted	--
				Inspection Approval	--

Inspection Summary

Inspection Scope and Summary

This inspection was conducted at Ellensburg City Hall on July 24, 2023 through July 26, 2023. This standard inspection included a records review of operations, maintenance and emergency response activities. The records reviewed included those from 2020 through June 2023. We also conducted field inspections including cathodic protection, casings, rectifier inspection, valves, odorization and regulator station inspections.

Facilities visited and Total AFOD

The inspection was conducted in-person at Ellensburg City Hall.
Total AFODs: 3 day

Summary of Significant Findings (DO NOT Discuss Enforcement options)

There were no probable violations or areas of concern as a result of this inspection.

Primary Operator contacts and/or participants

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John Akers
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Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1.	88964 (89)	City of Ellensburg	unit	88964	Storage Fields Bottle/Pipe - Holders Vault Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric Abandoned	143	143	143	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.	88964 (89)	WUTC Standard Inspection	AR, CR, DC, EP, FS, MO, GDIM, LPGIM, PD, RPT, TD, TQ, 114, GENERIC	P, R, O, S	Detail	--
2.	88964 (89)	--	TQ.PROT9	P, R, O, S	Detail	--
3.	88964 (89)	--	GDIM.RA.DEMOUNDERSTANDINGIMPL.O	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	Total Inspected	Required % Complete
1.	Standard	--	07/24/2023	-- 07/27/2023		all planned questions	all assets	all types	143	143	143	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	Standard	COMPLETED	08/17/2023	Standard	88964 (89)

Results (all values, 143 results)

158 (instead of 143) results are listed due to re-presentation of questions in more than one sub-group.

AR.PTI: Integrity Assessment Via Pressure Test

1. Question Result, ID, [NA, AR.PTI.EQUIPCALIB.O,](#) References

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

Assets Covered [88964 \(89\)](#)

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

2. Question Result, ID, References **NA, AR.PTI.PLASTICPRESSURETEST.O,**
Question Text *Is plastic pipe installed and backfilled prior to pressure testing?*
Assets Covered **88964 (89)**
Result Notes **No such activity/condition was observed during the inspection.**

AR.RCOM: Repair Criteria (O and M)

3. Question Result, ID, References **NA, AR.RCOM.REPAIR.R, 192.491(c) (192.487, 192.489)**
Question Text *Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?*
Assets Covered **88964 (89)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

AR.RMP: Repair Methods and Practices

4. 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 **88964 (89)**
Result Notes **Safety precautions observed during field inspections, vehicles shut off, multimeter grounded before taking reading, etc.**
5. 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 **88964 (89)**
Result Notes **Damaged service on 5/9/23, tested at 98 psig for 20 min**
Damaged main on 5/3/22, tested at 98 psig for 1 hr
Damaged service at Incubator Bldg in 2021, 97 psig, 20 min
10/17/20 service line damaged, 97 psig for 20 min

DC.CO: Construction

6. Question Result, ID, References **Sat, DC.CO.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 **88964 (89)**
Result Notes **Procedures qualified from manufacturer (PPI, Innogaz, etc.), Section 4 Appendix B**
7. 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 **88964 (89)**
Result Notes **Reviewed fusion qualifications for all personnel, Tests typically completed in Feb, try to stay under 1 year**
Reviewed records for 2020, 2021, 2022 and 2023
8. 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 **88964 (89)**
Result Notes **O&M Section 4.0.6**

9. 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 **88964 (89)**
 Result Notes **Went to storage yard for inspection, PE stored properly and not exceeding UV limits**
10. Question Result, ID, References **NA, DC.CO.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 **88964 (89)**
 Result Notes **No such activity/condition was observed during the inspection.**
11. Question Result, ID, References **Sat, DC.CO.PLASTICPIPESEP.R,**
 Question Text *Do records indicate minimum separation requirements are met for plastic pipelines?*
 Assets Covered **88964 (89)**
 Result Notes **Minimum of 12 inches parallel and 6" perpendicular but City of Ellensburg water requires 30" of separation so the gas department typically has that much separation**
12. Question Result, ID, References **NA, DC.CO.PLASTICPIPESEP.O,**
 Question Text *Are plastic pipelines installed with the minimum separation from other utilities as required?*
 Assets Covered **88964 (89)**
 Result Notes **No such activity/condition was observed during the inspection.**
13. Question Result, ID, References **NA, DC.CO.PLASTICBACKFILL.O,**
 Question Text *Is plastic pipe buried in essentially rock-free material or material recommended by the pipe manufacturer?*
 Assets Covered **88964 (89)**
 Result Notes **No such activity/condition was observed during the inspection.**
14. Question Result, ID, References **NA, DC.CO.PLASTICSQUEEZING.O,**
 Question Text *Verify that the operator has limits in place for squeezing plastic pipe.*
 Assets Covered **88964 (89)**
 Result Notes **No such activity/condition was observed during the inspection.**

DC.WELDPROCEDURE: Construction Welding Procedures

15. 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 **88964 (89)**
 Result Notes **Reviewed all weld procedures and qualifying test results**
16. Question Result, ID, References **NA, DC.WELDPROCEDURE.ONSITE.O,**
 Question Text *Are qualified written welding procedures located onsite where welding is being performed?*
 Assets Covered **88964 (89)**
 Result Notes **No welding observed during inspection**
17. 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 **88964 (89)**
 Result Notes **Reviewed qualifications for two personnel to verify that essential variables were being documented**

18. Question Result, ID, References **NA, DC.WELDPROCEDURE.ESSENTIAL.O,**
Question Text *Does the operator document essential variables when qualifying welders and weld procedures?*
Assets Covered **88964 (89)**
Result Notes **No such activity/condition was observed during the inspection.**

DC.DPC: Design of Pipe Components

19. 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 **88964 (89)**
Result Notes **O&M Section 2.3**

Ellensburg maintains a stockbook of all approved materials

20. 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 **88964 (89)**
21. 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 **88964 (89)**
Result Notes **No such activity/condition was observed during the inspection.**

DC.MO: Maintenance and Operations

22. Question Result, ID, References **Sat, DC.MO.MAOPLIMIT.O, 192.605(b)(5)**
Question Text *During startup or shut-in, is it assured that the pressure limitations on the pipeline were not exceeded?*
Assets Covered **88964 (89)**
Result Notes **Pressure monitored during regulator station inspections, valves closed and pressure stayed within normal limits**

DC.MA: Materials

23. 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 **88964 (89)**
Result Notes **Visited storage yard, all pipe and fittings were marked as required**

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

24. 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 **88964 (89)**
Result Notes **Meters located at building wall, protected from damage where necessary**
25. 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 **88964 (89)**

Result Notes Meters located at building wall, protected from damage where necessary

26. Question Result, ID, **NA, DC.METERREGSVC.CUSTOMETERREGINSTALL.O**, 192.351 (192.357(a), 192.357(b), 192.357(c),
References 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 88964 (89)
Result Notes No such activity/condition was observed during the inspection.
27. Question Result, ID, **NA, DC.METERREGSVC.CUSTOMETEROPPRESS.O**, 192.351 (192.359(a), 192.359(b), 192.359(c))
References
Question Text *Are customer meter operating pressures consistent with the requirements of 192.359?*
Assets Covered 88964 (89)
Result Notes No such activity/condition was observed during the inspection.
28. Question Result, ID, **NA, DC.METERREGSVC.SVCLINEINSTALL.O**, 192.351 (192.361(a), 192.361(b), 192.361(c), 192.361(d),
References 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 88964 (89)
Result Notes No such activity/condition was observed during the inspection.
29. Question Result, ID, **NA, DC.METERREGSVC.SVCLINEVLVLOCATEREQT.O**, 192.351 (192.363(a), 192.363(b), 192.363(c),
References 192.365(a), 192.365(b), 192.365(c))
Question Text *Are customer service line valves being installed meeting the valve and locations requirements of 192.363 and 192.365?*
Assets Covered 88964 (89)
Result Notes No such activity/condition was observed during the inspection.
30. Question Result, ID, **NA, DC.METERREGSVC.SVCLINECONNECT.O**, 192.351 (192.367(a), 192.367(b), 192.369(a), 192.369(b))
References
Question Text *Are customer service lines being installed with connections meeting the requirements of 192.367 and 192.369?*
Assets Covered 88964 (89)
Result Notes No such activity/condition was observed during the inspection.
31. 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 88964 (89)
Result Notes No such activity/condition was observed during the inspection.
32. 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 88964 (89)
Result Notes No such activity/condition was observed during the inspection.
33. 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 88964 (89)
Result Notes No such activity/condition was observed during the inspection.
34. Question Result, ID, **Sat, DC.METERREGSVC.REGTEST.R**,
References
Question Text *Do records indicate that service regulators have been installed, operated, maintained, tested during initial turn-on and tested when customers experience pressure problems?*
Assets Covered 88964 (89)
Result Notes Reviewed a sample of gas meter connection form, all included lockup set pressure and outlet pressure of 7" WC

35. Question Result, ID, References **NA, 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 **88964 (89)**
Result Notes **No such activity/condition was observed during the inspection.**

DC.PT: Pressure Testing

36. 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 **88964 (89)**
Result Notes **Gateway 1 Project completed by Michels, 97 psig, 1 hr (2" HDPE)**
96 psig, 1 hr (4" HDPE), 98 psig 1hr
Pressure Gauge 787015 calibrated 8/5/22 used 3/9/23
10/16/20, 2" PE 99 psig, 1 hr, Palomino Dr
37. 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 **88964 (89)**
Result Notes **PE Service tested 3/15/23, 98 psig, 1 hr**
2911 Roan Dr, 98 psig, 20 min, 1/2" PE, 8/25/22
Pressure Gauge calibrated 9/2/21

DC.PTLOWPRESS: Pressure Testing - Low Pressure

38. 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 **88964 (89)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
39. 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 **88964 (89)**
Result Notes **2" steel pretested pipe, 2 hr, 97.5 psig, pipe tested 8/27/20, put in service 8/31/21**

EP.ERG: Emergency Response

40. Question Result, ID, References **Sat, 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 **88964 (89)**
Result Notes **No lab sampling but Ellensburg investigates every failure, they have had excavation damage, vehicular damage, rodent damage and falling ice. Due to these failures Ellensburg has improved their PA outreach, increase snow patrols and bollard installation**

41. 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 **88964 (89)**
 Result Notes **Recap at monthly safety meetings, Safety Section review every year, OQ tasks for AOCs**
42. 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 **88964 (89)**
 Result Notes **All incidents are reviewed at the monthly safety meetings**
43. Question Result, ID, References **Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03) (also presented in: PD.PA)**
 Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
 Assets Covered **88964 (89)**
 Result Notes **Reviewed annual mailer records sent to FD, governments, police, etc.**

FS.FG: Facilities General

44. 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 **88964 (89)**
 Result Notes **All casings have test leads, 11 casings in total**
45. Question Result, ID, References **Sat, FS.FG.CASINGSEALS.R,**
 Question Text *Do records indicate that mains and service lines installed in casing or conduit are sealed at the ends as required?*
 Assets Covered **88964 (89)**
 Result Notes **Require contractors to submit materials to be used, reviewed approved material, manual section 11.8**
46. 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 **88964 (89)**
 Result Notes **All casings visited had test leads installed, reading found were good**
47. 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 **88964 (89)**
 Result Notes **No such activity/condition was observed during the inspection.**

MO.GOMAOP: Gas Pipeline MAOP

48. 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 **88964 (89)**
 Result Notes **Uprate performed in 2019 to establish an MAOP of 60 psig, reviewed steel installation from 2022, tested at 97 psig for 2 hr**

MO.GM: Gas Pipeline Maintenance

49. 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 **88964 (89)**
Result Notes **O&M Section 18.1.3**
50. 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 **88964 (89)**
Result Notes **Reviewed valve maintenance logs, no maintenance exceeded 15 months, 1 leaking valve identified in 2021 and removed ~1 month later**

Reviewed records for 2020, 2021 and 2022. 2023 had just begun during the audit
51. 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 **88964 (89)**
Result Notes **Valve 511 (Steel)**

Good Alignment

No debris in valve box

Valve operated freely

Valve 282 (PE)

Clean Valve Box

Accessible

Valve operated freely

Valve 1036 (Steel)

Valve box clean

Checked with CGI, no leaks

Operated freely
52. 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 **88964 (89)**
Result Notes **Electrofusion box calibrated every 3 years, pyrometer calibrated annually**

Ellensburg labels due date, date taken out of service and date calibrated. No uncalibrated equipment kept in service

Reviewed records for 2020-2023

53. 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 **88964 (89)**
 Result Notes **No such activity/condition was observed during the inspection.**
54. 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 **88964 (89)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
55. 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 **88964 (89)**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
56. 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 **88964 (89)**
 Result Notes **Procedures available on iPads**

MO.GOODOR: Gas Pipeline Odorization

57. 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 **88964 (89)**
 Result Notes **Reviewed weekly odorant usage spreadsheet**

Reviewed monthly odorant sniff tests, 01/2020 - 07/2023
58. 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 **88964 (89)**
 Result Notes **Two test sites visited**

3110 Airport Rd

Heath Odorator 2000618019

Unit reading was 0.4 which corresponds to 0.33% gas-in-air

1921 Dry Creek Rd

Heath Odorator 2000618019

Unit reading was 0.29 which corresponds to 0.17% gas-in-air

MO.GO: Gas Pipeline Operations

59. 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 **88964 (89)**
 Result Notes **No such activity/condition was observed during the inspection.**
60. 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 **88964 (89)**
 Result Notes **Each section of the O&M manual is reviewed annually**

Ellensburg maintains a revision log for each Section

No exceedances
61. 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 **88964 (89)**
 Result Notes **Darin exports all maintenance activities to an excel spreadsheet and verifies that all work is complete and accurate**

Reviewed work orders for completeness, WO form has field for supervisor to sign off that work is complete and has been reviewed
62. 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 **88964 (89)**
 Result Notes **All field personnel have iPads with maps, records, and procedures**
63. 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 **88964 (89)**
 Result Notes **Information on the City's website and at the end of each bill**
64. 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 **88964 (89)**
 Result Notes **O&M Section 10.4.6**

MO.GMOPP: Gas Pipeline Overpressure Protection

65. 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 **88964 (89)**
 Result Notes **Reviewed calcs for Twin City Food, station capacity of 59245 cfh, relief capacity of 252537 cfh, no changes since initial calculation completed**

Reviewed calcs for CWU, Relief Capacity of 7676 MCFH, Regulator capacity of 3450 MCFH, no changes since initial calculation done
66. 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 88964 (89)

Result Notes Twin City Foods

3/19/20, 6/1/21, 8/11/22

CWU

3/16/20, 5/27/21, 8/2/22

Seattle Reg Station

4/9/20, 6/4/21, 8/3/22

Kittitas Reg Station

4/13/20, 4/13/21, 8/4/22

67. 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 88964 (89)

Result Notes Seattle Gate

Inspection Performed by Logan Graham and Chet Weekes

Run 1 As Found Monitor Set Point As Found: 47.7 psig Pilot Lockup 1st cut: 83.75 psig

Inlet: 145 psig Monitor Lockup: 49.52 psig Pilot lockup 2nd cut: 43.79 psig

1st cut: 81.07 psig

Outlet: 39.89 psig

Relief valve at CWU tested 3 times

13.3 psig, 13.23 psig, 13.19 psig

68. 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 88964 (89)

Result Notes Telemetering at Seattle Gate Station

69. 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 88964 (89)

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

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

70. Question Result, ID, References Sat, MO.RW.DISTPATROL.R, 192.603(b) (192.721(a), 192.721(b)) (also presented in: PD.RW)

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

Assets Covered 88964 (89)

Result Notes Patrolling conducted bimonthly, reviewed records for 2020-2023

71. Question Result, ID, References **Sat, MO.RW.DISTPATROLLEAKAGE.R, 192.603(b) (192.723(a), 192.723(b))** (also presented in: PD.RW)
 Question Text *Do records indicate distribution leakage surveys were conducted as required?*
 Assets Covered **88964 (89)**
 Result Notes **Leak survey performed outside business district every 4 years**

Business districts every year

Reviewed records for 2020-2023

High occupancy structures performed annually NTE 15 months, all service surveyed in June through August each year

Ellensburg also perform post-construction leak surveys, reviewed a sample of projects
72. 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: PD.RW)
 Question Text *Are line markers placed and maintained as required?*
 Assets Covered **88964 (89)**
 Result Notes **Markers were in good condition and located where necessary**
73. 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: PD.RW)
 Question Text *Are line markers placed and maintained as required for above ground pipelines?*
 Assets Covered **88964 (89)**
 Result Notes **Markers were in good condition and located where necessary**
74. Question Result, ID, References **NA, MO.RW.CASINGLEAKSURVEY.R,** (also presented in: PD.RW)
 Question Text *Do records indicate shorted casings were leak surveyed as required?*
 Assets Covered **88964 (89)**
 Result Notes **No shorted casings**
75. Question Result, ID, References **Sat, MO.RW.LEAKFOLLOW.R,** (also presented in: PD.RW)
 Question Text *Do records indicate that a follow-up inspection was performed not more than thirty days following a repair where residual gas remained in the ground?*
 Assets Covered **88964 (89)**
 Result Notes **1217 Radio Rd, initial leak found and repaired 1/3/23, follow up 1/12/23**

Wildcat Way leak found and repaired 1/21/22, rechecked on 1/24/22, no gas after recheck

915 E 1st Ave leak found 9/9/21, recheck on 9/20/21, rerecheck 9/24/21, no gas in ground after final check
76. Question Result, ID, References **NA, MO.RW.DOWNGRADELEAKREPAIR.R,** (also presented in: PD.RW)
 Question Text *Do records indicate that leaks that have been downgraded are repaired within twenty-one months?*
 Assets Covered **88964 (89)**
 Result Notes **Ellensburg does not downgrade leaks, all leak are repaired as soon as possible**
77. Question Result, ID, References **Sat, MO.RW.LEAKREPAIRTIME.R,** (also presented in: PD.RW)
 Question Text *Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601?*
 Assets Covered **88964 (89)**
 Result Notes **All leaks repaired when found**
78. Question Result, ID, References **Sat, MO.RW.LEAKRECORDS.R,** (also presented in: PD.RW)
 Question Text *Have gas leak records been prepared and maintained as required?*

Assets Covered 88964 (89)

Result Notes Reviewed a sample of leaks from 2021, 2022 and 2023

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

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

Assets Covered 88964 (89)

Result Notes Performed bimonthly, reviewed a sample of markers in the system, reviewed records for 2020-2023

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

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

Assets Covered 88964 (89)

Result Notes Replaced when found

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

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

Assets Covered 88964 (89)

Result Notes Reviewed maps showing marker locations, all creek crossing appeared to have markers

MO.GOUPRATE: Uprating

82. 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 88964 (89)

Result Notes No uprating during this inspection interval

83. 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 88964 (89)

Result Notes No uprating during this inspection interval

84. 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 88964 (89)

Result Notes No uprating during this inspection interval

PD.DP: Damage Prevention

85. Question Result, ID, References Sat, PD.DP.ONECALL.O, 192.614(c)(3)

Question Text Observe operator process a "One Call" ticket.

Assets Covered 88964 (89)

Result Notes Walked through process with city engineers, no locates to witness

86. Question Result, ID, References Sat, PD.DP.PDPROGRAM.R, 192.614(c)

Question Text Does the damage prevention program meet minimum requirements specified in 192.614(c)?

Assets Covered 88964 (89)

Result Notes O&M Section 14

The program meets the minimum requirements specified in 192.614(c)

PD.PA: Public Awareness

87. Question Result, ID, References **Sat, PD.PA.LANGUAGE.R, 192.616(g) (API RP 1162 Section 2.3.1)**
 Question Text *Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?*
 Assets Covered **88964 (89)**
 Result Notes **Materials developed and delivered in English and Spanish**
88. Question Result, ID, References **Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4)**
 Question Text *Do records indicate program effectiveness evaluation(s) have been performed and cover all program requirements and all systems covered by the program?*
 Assets Covered **88964 (89)**
 Result Notes **Prior to 2023 Ellensburg contracted with a 3rd party to conduct phone surveys but they were not getting useful information so they have since developed an in-house survey and are administering it through their website.**

2023 is the first year with the new system but they are already seeing an increase in responses and are hopeful for better information
89. Question Result, ID, References **NA, PD.PA.MSTRMETER.R, 192.616(j) (192.616(h), API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)**
 Question Text *Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?*
 Assets Covered **88964 (89)**
 Result Notes **No master meters**

RPT.RR: Regulatory Reporting (Traditional)

90. Question Result, ID, References **Sat, RPT.RR.ANNUALREPORT.R, 191.11(a)**
 Question Text *Have complete and accurate Annual Reports been submitted?*
 Assets Covered **88964 (89)**
 Result Notes **Reviewed annual report data for 2020 - 2022. All reports submitted prior to March 15 and all data appears complete**
91. 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 **88964 (89)**
 Result Notes **One state reportable incident in 2022, notified commission by phone and submitted 30-day report as required**

No federally reportable incidents
92. 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 **88964 (89)**
 Result Notes **One state reportable incident in 2022, notified commission by phone and submitted 30-day report as required**

No federally reportable incidents
93. 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 **88964 (89)**
 Result Notes **No supplemental reports required**

94. 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 **88964 (89)**
 Result Notes **No SRCs**
95. Question Result, ID, References **NA, RPT.RR.OPID.R, 191.22(a) (191.22(c), 191.22(d))**
 Question Text *Do records indicate appropriate control of Operator Identification Numbers (OPIDs), including changes in entity, acquisition/divestiture, and construction/update/uprate, and the National Registry of Pipeline and LNG Operators has been notified of applicable changes?*
 Assets Covered **88964 (89)**
 Result Notes **No acquisitions or divestitures**
96. Question Result, ID, References **Sat, RPT.RR.UTCANNUALREPORTS.R,**
 Question Text *Have complete and accurate annual reports been submitted to the commission?*
 Assets Covered **88964 (89)**
97. 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 **88964 (89)**
 Result Notes **PHMSA requested DAMIS from Ellensburg in 2020 and they simultaneously submitted to the UTC, completed 2/2/21**

Ellensburg has fewer than 50 employees so is not required to submit annually
98. 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 **88964 (89)**
 Result Notes **No uprates during this inspection period**
99. 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 **88964 (89)**
 Result Notes **Incident occurred May 3, 2022, 30-day report sent to the commission on May 12, 2022**
100. 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 **88964 (89)**
101. Question Result, ID, References **NA, 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 **88964 (89)**
 Result Notes **No pipelines over 250 psig**

TD.ATM: Atmospheric Corrosion

102. 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 **88964 (89)**

Result Notes Services performed every 3 years, reviewed records for 2020, 2021 and 2022. 2023 in progress

Reg stations are completed annually, bridge crossings completed during bimonthly patrols

103. 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 88964 (89)

Result Notes All above ground facilities were well protected from atmospheric corrosion

TD.CPMONITOR: External Corrosion - CP Monitoring

104. 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 88964 (89)

Result Notes	Location	ON Reading (mV)	OFF Reading (mV)
	607 Industrial Way	-1187	-860
	205 E 11th Ave (CWU)	-1597	-960
	300 N Elliott St	-1179	-890
	Kittitas Tap Station	-1410	-905

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

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

Assets Covered 88964 (89)

Result Notes CP reads taken 3 times per year, reviewed all records for 2020, 2021, 2022 and March 2023

Ellensburg has native reads on file so can perform 100 mV shift calculation when reads are more positive than -850 mV

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

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

Assets Covered 88964 (89)

Result Notes Rectifier inspections' completed monthly, reviewed all records for 2020, 2021, 2022 and through July 2023

107. 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 88964 (89)

Result Notes Visited two out three rectifiers

Seattle Gate Rectifier

-2665 mV PSP

17.16 V DC

50:50 Shunt

31.4 mV, 31.4 A

C1 F6 Tap Settings

9th and Maple Rectifier

-2053 mV PSP

33.86 V DC

50:50 Shunt

22.5 mV, 22.5 A

CA F3 Tap Settings

108. 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 **88964 (89)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
109. 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 **88964 (89)**
Result Notes **Ellensburg follows up on low reads and has obtained native reads to determine if CP criteria is being met**

11/21/22 CP read -0.2 V, "No Signal. Potential Damage"

During road widening project by the city, test leads were damaged, following this event Ellensburg has begun locating test leads
110. 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 **88964 (89)**
Result Notes **Reviewed maps to identify locations of test stations and rectifiers, no concerns**
111. Question Result, ID, References **Sat, TD.CPMONITOR.TESTSTATION.O, 192.469**
Question Text *Do cathodically protected pipelines have a sufficient number of test stations?*
Assets Covered **88964 (89)**
Result Notes **Reviewed maps beforehand, field visits seemed to support what the maps showed and all areas were adequately protected**
112. 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 **88964 (89)**
113. Question Result, ID, References **Sat, TD.CPMONITOR.TESTLEAD.O, 192.471(a)**
Question Text *Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?*
Assets Covered **88964 (89)**
Result Notes **Readings taken during field inspections were good, test leads functioned properly**
114. 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 **88964 (89)**

Result Notes No interference currents found in the system

115. Question Result, ID, References NA, TD.CP.MONITOR.INTFCURRENT.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 88964 (89)

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

TD.CP: External Corrosion - Cathodic Protection

116. 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 88964 (89)

Result Notes No unprotected pipelines

117. 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 88964 (89)

Result Notes Casing reads completed during cp survey, 3x per year

reviewed all records for 2020 through March 2023

They also check isolation between Ellensburg and Williams during CP surveys, reviewed records for 2020 through March 2023, no concerns

118. 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 88964 (89)

Result Notes Isolation Testing completed at Kittitas Tap Station

-2255 mV at Williams

-1410 mV ON

-905 mV OFF

119. 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 88964 (89)

Result Notes Casings inspected 3x per year, reviewed records for 2020 through July 2023

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

Question Text Are casings electrically isolated from the pipeline?

Assets Covered 88964 (89)

Result Notes	Location	ON Potential (mV)	OFF Potential (mV)	Casing Potential (mV)
	Sanders Rd	-1386	-1260	-395
	5th and RR	-1100	-860	-636

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

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

Assets Covered **88964 (89)**

Result Notes **Reviewed various corrosion control records, all seemed complete and accurate**

TD.COAT: External Corrosion - Coatings

122. Question Result, ID, **Sat**, TD.COAT.NEWPIPE.R, 192.491(c) (192.455(a), 192.461(a), 192.461(b), 192.483(a))
References

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 **88964 (89)**

Result Notes **Reviewed construction records for one steel job, FBE coated**

123. 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 **88964 (89)**

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

TD.CPEXPOSED: External Corrosion - Exposed Pipe

124. Question Result, ID, **Sat**, TD.CPEXPOSED.EXPOSEINSPECT.R, 192.491(c) (192.459)
References

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

Assets Covered **88964 (89)**

Result Notes **EPCR completed each time pipe is exposed**

Reviewed a sample of reports from 2020, 2021, 2022 and 2023

TD.ICP: Internal Corrosion - Preventive Measures

125. Question Result, ID, **NA**, TD.ICP.CORRGAS.R, 192.491(c) (192.475(a))
References

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 **88964 (89)**

Result Notes **Gas not found to be corrosive**

126. Question Result, ID, **NA**, TD.ICP.CORRGASPRVNT.O, 192.475(a)
References

Question Text *If the transportation of corrosive gas is not allowed, is the transportation of corrosive gas prevented?*

Assets Covered **88964 (89)**

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

127. Question Result, ID, **NA**, TD.ICP.CORRGASACTION.R, 192.491(c) (192.477)
References

Question Text *Do records document the actions taken when corrosive gas is being transported by pipeline?*

Assets Covered **88964 (89)**

Result Notes **Gas not found to be corrosive**

128. 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 **88964 (89)**

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

129. Question Result, ID, References **NA, TD.ICP.EXAMINE.R, 192.491(c) (192.475(a), 192.475(b))**
 Question Text *Do records document examination of removed pipe for evidence of internal corrosion?*
 Assets Covered **88964 (89)**
 Result Notes **No internal corrosion found**
130. 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 **88964 (89)**
 Result Notes **No internal corrosion found**

TQ.PROT9: OQ Protocol 9

131. 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 **88964 (89)**
 Result Notes **No such activity/condition was observed during the inspection.**
132. 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 **88964 (89)**
133. 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 **88964 (89)**
134. 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 **88964 (89)**
 Result Notes **No AOCs observed, asked personnel for examples of AOCs and how they would respond**
135. 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 **88964 (89)**

TQ.OQ: Operator Qualification

136. 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 **88964 (89)**
137. 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 **88964 (89)**
 Result Notes **Reviewed all OQs for field personnel**

138. 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 88964 (89)
Result Notes Reviewed all OQs for field personnel

139. 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 88964 (89)
Result Notes No AOCs observed, asked personnel for examples of AOCs and how they would respond

TQ.QU: Qualification of Personnel - Specific Requirements

140. 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 88964 (89)
Result Notes Reviewed field personnel OQs, all corrosion tasks are up to date

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

141. 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 88964 (89)
Result Notes Reviewed welder OQs, Good

Reviewed Weld Qualification Tests 2020-2023, Good

142. 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 88964 (89)
Result Notes No NDT performed during this inspection interval

GDIM.IMPL: GDIM Implementation

143. Question Result, ID, References Sat, GDIM.RA.DEMOUNDERSTANDINGIMPL.O, 192.1007(a)
Question Text *Do operator personnel in the field understand their responsibilities under the DIMP plan?*
Assets Covered 88964 (89)
Result Notes Field personnel were knowledgeable and understood the DIMP Plan

PD.PA: Public Awareness

144. 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: EP.ERG)
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 88964 (89)
Result Notes Reviewed annual mailer records sent to FD, governments, police, etc.

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

145. Question Result, ID, References **Sat, MO.RW.DISTPATROL.R, 192.603(b) (192.721(a), 192.721(b))** (also presented in: MO.RW)
 Question Text *Do records indicate distribution patrolling was conducted as required?*
 Assets Covered **88964 (89)**
 Result Notes **Patrolling conducted bimonthly, reviewed records for 2020-2023**
146. Question Result, ID, References **Sat, MO.RW.DISTPATROLLEAKAGE.R, 192.603(b) (192.723(a), 192.723(b))** (also presented in: MO.RW)
 Question Text *Do records indicate distribution leakage surveys were conducted as required?*
 Assets Covered **88964 (89)**
 Result Notes **Leak survey performed outside business district every 4 years**

Business districts every year

Reviewed records for 2020-2023

High occupancy structures performed annually NTE 15 months, all service surveyed in June through August each year

Ellensburg also perform post-construction leak surveys, reviewed a sample of projects
147. 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: MO.RW)
 Question Text *Are line markers placed and maintained as required?*
 Assets Covered **88964 (89)**
 Result Notes **Markers were in good condition and located where necessary**
148. 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: MO.RW)
 Question Text *Are line markers placed and maintained as required for above ground pipelines?*
 Assets Covered **88964 (89)**
 Result Notes **Markers were in good condition and located where necessary**
149. Question Result, ID, References **NA, MO.RW.CASINGLEAKSURVEY.R,** (also presented in: MO.RW)
 Question Text *Do records indicate shorted casings were leak surveyed as required?*
 Assets Covered **88964 (89)**
 Result Notes **No shorted casings**
150. Question Result, ID, References **Sat, MO.RW.LEAKFOLLOW.R,** (also presented in: MO.RW)
 Question Text *Do records indicate that a follow-up inspection was performed not more than thirty days following a repair where residual gas remained in the ground?*
 Assets Covered **88964 (89)**
 Result Notes **1217 Radio Rd, initial leak found and repaired 1/3/23, follow up 1/12/23**

Wildcat Way leak found and repaired 1/21/22, rechecked on 1/24/22, no gas after recheck

915 E 1st Ave leak found 9/9/21, recheck on 9/20/21, rerecheck 9/24/21, no gas in ground after final check
151. Question Result, ID, References **NA, MO.RW.DOWNGRADELEAKREPAIR.R,** (also presented in: MO.RW)
 Question Text *Do records indicate that leaks that have been downgraded are repaired within twenty-one months?*
 Assets Covered **88964 (89)**
 Result Notes **Ellensburg does not downgrade leaks, all leak are repaired as soon as possible**
152. Question Result, ID, References **Sat, MO.RW.LEAKREPAIRTIME.R,** (also presented in: MO.RW)
 Question Text *Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601?*

Assets Covered 88964 (89)
Result Notes All leaks repaired when found

153. Question Result, ID, References Sat, MO.RW.LEAKRECORDS.R, (also presented in: MO.RW)
Question Text *Have gas leak records been prepared and maintained as required?*
Assets Covered 88964 (89)
Result Notes Reviewed a sample of leaks from 2021, 2022 and 2023

154. Question Result, ID, References Sat, MO.RW.MARKERSURVEY.R, (also presented in: MO.RW)
Question Text *Do records indicate that pipeline marker surveys were completed in the timeframe specified by WAC 480-93-124?*
Assets Covered 88964 (89)
Result Notes Performed bimonthly, reviewed a sample of markers in the system, reviewed records for 2020-2023

155. Question Result, ID, References Sat, MO.RW.MARKERREPLACE.R, (also presented in: MO.RW)
Question Text *Do records indicate that damaged or missing markers were replaced within forty-five days of discovery?*
Assets Covered 88964 (89)
Result Notes Replaced when found

156. Question Result, ID, References Sat, MO.RW.MARKERSMAPSDRAW.R, (also presented in: MO.RW)
Question Text *Are records sufficient to indicate class location and other areas where pipeline markers are required?*
Assets Covered 88964 (89)
Result Notes Reviewed maps showing marker locations, all creek crossing appeared to have markers

TD.CPMONITOR: External Corrosion - CP Monitoring

157. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a) (192.491(b), 192.491(c)) (also presented in: TD.CP, TD.CPEXPOSED)
Question Text *Do records indicate the location of all corrosion control items listed in §192.491(a)?*
Assets Covered 88964 (89)
Result Notes Reviewed various corrosion control records, all seemed complete and accurate

TD.CPEXPOSED: External Corrosion - Exposed Pipe

158. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a) (192.491(b), 192.491(c)) (also presented in: TD.CP, TD.CPMONITOR)
Question Text *Do records indicate the location of all corrosion control items listed in §192.491(a)?*
Assets Covered 88964 (89)
Result Notes Reviewed various corrosion control records, all seemed complete and accurate

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.