

Inspection Output (IOR)

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Inspection Information

Inspection Name	CNG 2018	Operator(s)	CASCADE NATURAL GAS CORP (2128)	Plan Submitted	01/26/2018
Status	PLANNED	Lead	Scott A Rukke	Plan Approval	01/29/2018 by Joe Subsits
Start Year	2018	Team Members	Scott Anderson	All Activity Start	04/09/2018
System Type	GD	Observer(s)	Deborah Becker, Denise Crawford	All Activity End	10/19/2018
Protocol Set ID	WA.GD.2017.01	Supervisor	Joe Subsits	Inspection Submitted	--
		Director	Sean Mayo	Inspection Approval	--

Inspection Summary

For 2018 we are inspecting the following Cascade Natural Gas units:

Bremerton, Kennewick, Moses Lake, Mount Vernon, Sunnyside and Wenatchee.

A single IA inspection was set up under Operator ID 3128.

The Bremerton District office portion was conducted the week of April 9 to 12th. The exit interview was conducted on 4/12/2018. No issues or violations were noted.

The Mt. Vernon District inspection was conducted the week of May 7th, 2018. The exit interview was conducted on 5/10/2018. No issues or violations were noted.

The Moses Lake District inspection was conducted from August 7 - August 15, 2018. The exit interview was conducted on 8/15/2018. No issues or violations were noted.

The Wenatchee District inspection was conducted from August 7 - August 15, 2018. The exit interview was conducted on 8/15/2018. No issues or violations were noted.

The Sunnyside District inspection was conducted from November 5 - November 8, 2018. The exit interview was conducted on 11/8/2018. No issues or violations were noted.

The Kennewick District inspection was conducted from November 27 - 29, 2018. The exit interview was conducted on 11/29/2018.

CNG contacts for the inspection units.

Longview 7602 – Sarah Volk (701) 218-0359

Bremerton 7541 – Sarah Volk (701) 218-0359

Mount Vernon 7545 – Vicki Ganow (360) 788-2381

Kennewick 7546 – Melissa Rabideau (509) 736-5542

Wenatchee 7544 – Melissa Rabideau (509) 736-5542

Moses lake 7543 – Melissa Rabideau (509) 736-5542

Sunnyside 7542 – Melissa Rabideau (509) 736-5542

CNG Contacts:

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Scope (Assets)

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	7546 Kennewick	7546 Kennewick	other	7546 Kennewick	Compressor Stations Storage Fields Bottle/Pipe - Holders Offshore GOM OCS Cast or Ductile	126	126	126	126	100.0%

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
2.	7545 Mount Vernon	7545 Mount Vernon	other	7545 Mount Vernon	Iron Copper Pipe Aluminum pipe Abandoned Storage Fields Bottle/Pipe - Holders Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum pipe Abandoned Compressor Stations	126	126	126	126	100.0%
3.	7544 Wenatchee	7544 Wenatchee	other	7544 Wenatchee	Compressor Stations Storage Fields Bottle/Pipe - Holders Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum pipe Abandoned	126	126	126	126	100.0%
4.	7543 Moses Lake	7543 Moses Lake	other	7543 Moses Lake	Compressor Stations Storage Fields Bottle/Pipe - Holders Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum pipe Abandoned	126	126	126	126	100.0%
5.	7542 Sunnyside	7542 Sunnyside	other	7542 Sunnyside	Compressor Stations Storage Fields Bottle/Pipe - Holders Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum pipe Abandoned	126	126	126	126	100.0%
6.	7541 Bremerton	7541 Bremerton	other	7541 Bremerton	Compressor Stations Storage Fields Bottle/Pipe - Holders Offshore GOM OCS Cast or Ductile	126	126	126	126	100.0%

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required %
					Iron Copper Pipe Aluminum pipe Abandoned					

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

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton	n/a	PRR.PT, PRR.REPORT, TQ.QU.CORROSION.R, TD.CPMONITOR.TESTSTATION.R, TD.CPMONITOR.TESTLEAD.R, TD.CPMONITOR.INTFRCURRENT.R, FS.FG.CASINGTESTLEAD.R, FS.FG.CASINGSEALS.R, TD.ICP.EXAMINE.R, TD.ATM.ATMCORRODEINSP.R, TD.COAT.NEWPIPE.R, TD.CP.ELECISOLATE.R, TD.ICP.REPAIR.R, TD.ICP.EVALUATE.R, TD.CP.RECORDS.R, TD.CPEXPOSED.EXPOSEINSPECT.R, TD.CPMONITOR.CURRENTTEST.R, TD.CPMONITOR.TEST.R, TD.CPMONITOR.REVCURRENTTEST.R, TD.CPMONITOR.DEFICIENCY.R, TD.CP.UNPROTECT.R, MO.GOUPRATE.MAOPINCREASE.R, MO.GOUPRATE.MAOPINCREASELIMIT.R, MO.GOUPRATE.MAOPINCREASEPREP.R, EP.ERG.LIAISON.R, MO.RW.DISTPATROLLEAKAGE.R, MO.RW.MARKERSMAPSDRAW.R, MO.RW.MARKERSURVEY.R, MO.GOABNORMAL.ABNORMALREVIEW.R, PD.OC.PDPROGRAM.R, EP.ERG.POSTEVNTREVIEW.R, EP.ERG.TRAINING.R, MO.GO.OMANNUALREVIEW.R, EP.ERG.INCIDENTANALYSIS.R, MO.GOODOR.ODORIZE.R, AR.RMP.TESTREINSTATE.R, MO.GM.MOVEANDLOWER.R, MO.GM.MOVEANDLOWERSURVEY.R, MO.GM.ABANDONPIPE.R, MO.GMOPP.PRESSREGTEST.R, MO.GMOPP.PRESSREGCAP.R, MO.GM.DISTVALVEINSPECT.R, MO.RW.MARKERREPLACE.R, FS.FG.VAULTINSPECTFAC.R, MO.GM.IGNITION.R, TQ.QUOMCONST.WELDER.R, TQ.QUOMCONST.NDT.R, DC.CO.PLASTICJOINTPROCEDURE.R, DC.CO.PLASTICJOINTQUAL.R, DC.CO.PLASTICJOINTINSP.R, DC.CO.PLASTICPIPESEP.R, PD.PA.EVALEFFECTIVENESS.R, DC.METERREGSVC.REGTEST.R, MO.RW.LEAKFOLLOW.R, MO.RW.DOWNGRADELEAKREPAIR.R, MO.RW.LEAKREPAIRTIME.R, MO.RW.LEAKRECORDS.R, MO.GM.RECORDS.R, PD.PA.LANGUAGE.R, MO.GO.OMEFFECTREVIEW.R, MO.RW.DISTPATROL.R, MO.GOCLASS.CLASSLOCATESTUDY.R, GDIM.RA.INFONEEDS.R, GDIM.RA.INFONEEDS.P, GDIM.RA.GAPS.P, GDIM.RA.NEWPIPEDATA.P, GDIM.RA.NEWPIPEDATA.R, GDIM.MF, GDIM.PM.IMPLEMENTPMCOMPLETEIMPL.R, GDIM.PM.LEAKMANAGEMENTIMPL.R, GDIM.QA.RECORDREQTSDIMPIMPL.R, GDIM.RA.DATAFORMIMPL.R, GDIM.RA.GAPSIMPL.R, GDIM.RA.NEWPIPEIMPL.R, GDIM.RA.OMINFONEEDSIMPL.R, GDIM.RA.SYSINFONEEDSIMPL.R, GDIM.RR.MECHANICALFITTINGRPTIMPL.R, GDIM.RR.MECHANICALFITTINGDATAIMPL.R, GDIM.RA.DEMOUNDERSTANDINGIMPL.O, DC.MA.MARKING.O, DC.METERREGSVC.EXCSFLOWVLOCATE.O, DC.METERREGSVC.REGTEST.O, TD.COAT.NEWPIPEINSTALL.O, TD.CPMONITOR.CURRENTTEST.O, TD.CP.ELECISOLATE.O, DC.DPC.GDVALVEPLACEMENT.O, TD.CPMONITOR.TESTSTATION.O, TD.CPMONITOR.TESTLEAD.O, FS.FG.CASING.O, FS.FG.CASESEAL.O, TD.CPMONITOR.INTFRCURRENT.O, TD.ATM.ATMCORRODEINSP.O, DC.METERREGSVC.CUSTOMETERREGLOC.O, AR.RCOM.REMEDIATIONOM.O, MO.GOODOR.ODORIZE.O,	P, R, O, S	Detail	

# Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent Notes
		MO.GO.PURGE.O, MO.GMOPP.PRESSREGTEST.O, MO.GMOPP.PRESSREGMETER.O, MO.GMOPP.MULTIPRESSREG.O, MO.GM.VAULTINSPECT.O, AR.RMP.IGNITION.O, DC.METERREGSVC.CUSTOMETERREGPROT.O, AR.PTI.PLASTICPRESSURETEST.O, AR.PTI.EQUIPCALIB.O, DC.CO.PLASTICPIPEPROC.O, DC.CO.PLASTICWEAKLINK.O, DC.CO.PLASTICPIPESEP.O, DC.CO.PLASTICBACKFILL.O, DC.CO.PLASTICSQUEEZING.O, MO.GM.ONSITEPROCS.O, MO.RW.ROWMARKER.O, MO.RW.ROWMARKERABOVE.O, MO.GM.DISTVALVEINSPECT.O, TQ.PROT9.QUALIFICATIONSTATUS.O, TQ.PROT9.TASKPERFORMANCE.O, TQ.PROT9.AOCRECOG.O, TQ.PROT9.VERIFYQUAL.O		

Plan Implementations

Activity # Name	SMART Act#	Start Date End Date	Focus Directives	Involved Groups/Subgroups	Qst Assets	Type(s)	Planned	Required	Total Inspected	Required % Complete
1. Bremerton	--	04/09/2018 04/20/2018	n/a	all planned questions	all assets	all types	756	756	756	100.0%
2. Mount Vernon	--	05/07/2018 05/11/2018	n/a	all planned questions	all assets	all types	756	756	756	100.0%
3. Wenatchee	--	08/06/2018 08/10/2018	n/a	all planned questions	all assets	all types	756	756	756	100.0%
4. Moses lake	--	08/13/2018 08/17/2018	n/a	all planned questions	all assets	all types	756	756	756	100.0%
5. Sunnyside	--	09/17/2018 09/21/2018	n/a	all planned questions	all assets	all types	756	756	756	100.0%
6. Kennewick	--	10/15/2018 10/19/2018	n/a	all planned questions	all assets	all types	756	756	756	100.0%

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

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

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	Bremerton Office and Field April 9-12, 2018	COMPLETED	04/17/2018	Bremerton	7541 Bremerton
2.	Attendance List	Mount Vernon	COMPLETED	05/15/2018	Mount Vernon	7545 Mount Vernon
3.	Attendance List	Mount Vernon Field	COMPLETED	05/15/2018	Mount Vernon	7545 Mount Vernon
4.	Attendance List	Wenatchee Office and Field 8/07/2018	COMPLETED	08/08/2018	Wenatchee	7544 Wenatchee 7543 Moses Lake
5.	Attendance List	Moses Lake Field Inspection week of 8/13/2018	COMPLETED	08/16/2018	Moses lake	7544 Wenatchee 7543 Moses Lake
6.	Attendance List	Sunnyside 11/6/2018	COMPLETED	11/07/2018	Sunnyside	7542 Sunnyside
7.	Attendance List	Sunnyside 11/7/2018	COMPLETED	11/15/2018	Sunnyside	7542 Sunnyside
8.	Attendance List	Sunnyside Field 11/8/2018	COMPLETED	11/15/2018	Sunnyside	7542 Sunnyside
9.	Attendance List	Kennewick Office 11/27/2018 (Records)	COMPLETED	11/28/2018	Kennewick	7546 Kennewick

No. Entity	Form Name	Status	Date Completed	Activity Name	Asset
10. Attendance List	Kennewick Office 11/28/2018 (Records)	COMPLETED	11/28/2018	Kennewick	7546 Kennewick

Results (all values, 516 results)

540 (instead of 516) results are listed due to re-presentation of questions in more than one sub-group.

PRR.REPORT: Reporting

1. Question Result, ID, References **NA, RPT.RR.IMMEDREPORT.R, 191.5(a) (191.7(a), 191.7(d))**
 Question Text *Do records indicate immediate notifications of incidents were made in accordance with 191.5?*
 Assets Covered **7546 Kennewick, 7542 Sunnyside**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

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 **7541 Bremerton**
 Result Notes **One incident on 08/18/2015 which resulted in an explosion at a Motel 6. One employee severely injured.**

NRC #1126041

3. 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 **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **Reviewed incident notification records from 2015 to present.**

4. 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 **7545 Mount Vernon**
 Result Notes **One incident that occurred on May 10, 2017 was promptly reported and investigated by CNG and the UTC. . NRC #20170043-16562.**

5. Question Result, ID, References **Sat, GDIM.RR.MECHANICALFITTINGDATAIMPL.R, 192.1009 (191.12)** (also presented in: GDIM.IMPL,
 References **GDIM.IMPL)**
 Question Text *Have accurate records been maintained documenting mechanical fitting failures that resulted in hazardous leaks?*
 Assets Covered **7541 Bremerton**

6. Question Result, ID, References **Sat, GDIM.RR.MECHANICALFITTINGDATAIMPL.R, 192.1009 (191.12)** (also presented in: GDIM.IMPL,
 References **GDIM.IMPL)**
 Question Text *Have accurate records been maintained documenting mechanical fitting failures that resulted in hazardous leaks?*
 Assets Covered **7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside**
 Result Notes **Only one in Bellingham in 2016. None in other districts for 2016 - 2018.**

7. 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 7100.2 (01-2002) within the required timeframe?*
 Assets Covered **7545 Mount Vernon**
 Result Notes **One as noted above.**

8. 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 7100.2 (01-2002) within the required timeframe?*

Assets Covered 7546 Kennewick, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside

9. 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 7100.2 (01-2002) within the required timeframe?*

Assets Covered 7541 Bremerton

10. Question Result, ID, References Sat, 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 7541 Bremerton

Result Notes One supplemental report associated with the NRC incident above.

11. 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 7544 Wenatchee, 7543 Moses Lake

Result Notes No such event occurred, or condition existed, in the scope of inspection review. There were no required supplementals for Wenatchee or Moses lake.

12. 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 7546 Kennewick, 7542 Sunnyside

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

13. Question Result, ID, References Sat, 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 7545 Mount Vernon

Result Notes One incident as noted above and a supplemental was filed.

14. Question Result, ID, References Sat, RPT.RR.ANNUALREPORT.R, 191.11(a)

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

Assets Covered 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton

Result Notes Reviewed annual reports which are for all districts.

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

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

Assets Covered 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton

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

No safety related conditions company wide during this inspection period.

16. 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 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton

Result Notes Reviewed the company wide notice that is mailed in bills annually and also given to new customers.

17. Question Result, ID, References Sat, 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 7545 Mount Vernon
Result Notes One uprate above 60 psig on the 6-inch East Mount Vernon HP Line 24.

18. 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 7542 Sunnyside
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

19. 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 7541 Bremerton
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

No uprates in this district since the last inspection.

20. 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 7546 Kennewick
Result Notes No such event occurred, or condition existed, in the scope of inspection review. No uprates since the last inspection.

21. 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 7544 Wenatchee, 7543 Moses Lake
Result Notes No such event occurred, or condition existed, in the scope of inspection review. No uprates above 60 psig.

22. 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 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton
Result Notes No issues on crew sheets.

PRR.CORROSION: Corrosion Control

23. 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 7546 Kennewick
Result Notes Dan Hamilton is the CP tech for this district. All of his qualifications were reviewed and good until at least 2019.

24. 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 7541 Bremerton
Result Notes Reviewed all qualification records for any technicians used on cathodic protection tests and surveys. All were qualified per records.

25. 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 7545 Mount Vernon

26. 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 7542 Sunnyside

Result Notes Reviewed the Operator Qualification records for the Sunnyside district including the cathodic protection tech for the district.

27. 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 7544 Wenatchee, 7543 Moses Lake

Result Notes Reviewed OQ records for the CP qualified personnel.

28. Question Result, ID, References Sat, TD.CP.ELECSOLATE.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 7546 Kennewick

Result Notes No issues noted.

29. Question Result, ID, References Sat, TD.CP.ELECSOLATE.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 7541 Bremerton

Result Notes A majority of the annuals showed similar reads on the inlet (CNG) and outlet (??) sides of their test points.

The reads are reviewed annually and if any changes on the outlet reads are apparent they go out and verify the isolation points.

30. Question Result, ID, References Sat, TD.CP.ELECSOLATE.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 7544 Wenatchee, 7543 Moses Lake

Result Notes Reviewed various CP records such as bi-monthly rectifier records and there were no isolation issues noted. Isolation reads were taken at each remote potential site.

31. Question Result, ID, References Sat, TD.CP.ELECSOLATE.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 7545 Mount Vernon

32. Question Result, ID, References Sat, TD.CP.ELECSOLATE.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 7542 Sunnyside

Result Notes Reviewed all casing reads and in'et/outlet isolated flange readings from 2016 to 2018. Good

33. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a)

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

Assets Covered 7542 Sunnyside

Result Notes All records reviewed had the required information.

34. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a)

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

Assets Covered 7541 Bremerton

Result Notes Records and or maps were adequate.

35. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a)

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

Assets Covered 7545 Mount Vernon

Result Notes Records were good. All CP levels were good except a couple which were low. I reviewed the work orders for the low reads and they were remediated.

36. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a)

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

Assets Covered 7546 Kennewick

37. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a)

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

Assets Covered 7544 Wenatchee, 7543 Moses Lake

38. 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 7542 Sunnyside

Result Notes Reviewed CNG Form 625 (Integrity MAnagement Dig Report) for buried piping and leak records.

39. 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 7545 Mount Vernon

Result Notes CNG 625 forms document the condition of buried pipelines. These are reviewed on a sampling basis. Reviewed approximately 50 dig reports on a random basis. One in particular required a follow up replacement of some corroded steel piping. I reviewed the work order associated with the replacement. No issues.

40. 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 7546 Kennewick

Result Notes Reviewed a large sampling of CNG form 625, exposed pipe dig reports for 2016 to 2017. Pulled several reports that had low CP reads and verified follow up within the 90 day requirement. .

41. 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 7541 Bremerton

Result Notes Reviewed CNG Form 625 on a sampling basis and all steel pipe was examined for external corrosion and documented.

42. 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 7544 Wenatchee, 7543 Moses Lake

Result Notes Reviewed a sampling of CNGC Form 625 which documents exposed pipe.

43. 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 **7541 Bremerton**
 Result Notes **Rectifier survey records were reviewed from 2/2016 to present. No concerns noted.**
44. 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 **7542 Sunnyside**
 Result Notes **Reviewed impressed current records from 2016 to present. No issues.**
45. 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 **7545 Mount Vernon**
 Result Notes **Reviewed records back to 2015.**
46. 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 **7546 Kennewick**
 Result Notes **Reviewed records for bi-monthly rectifier checks from 2015 to 2018. Followed up on all low reads and all were remediated within 80 days as required.**
47. 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 **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **Reviewed bi-monthly rectifier records to 2015. Reviewed all CP follow remediation required and everything was completed within 90 days per the WAC.**
48. 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 **7542 Sunnyside**
 Result Notes **CP records from 2016 to the present were reviewed. No deficiencies were noted. All reads were stable and met criteria. Timeframes for surveys were good.**
49. 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 **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **No issues.**
- Remotes were not taken in Othello on the 8/3/2017 survey but the rectifiers were checked at the frequencies required.**
50. 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 **7546 Kennewick**
 Result Notes **CP records from 2016 to the present were reviewed. All low reads were followed up on with no issues. No deficiencies were noted. All reads were stable and met criteria. Timeframes for surveys were good.**
51. 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 7541 Bremerton
Result Notes All tests were performed at the required intervals. CNG has no short sections of steel or isolated steel services.

52. 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 7545 Mount Vernon
Result Notes Reviewed CP records back to 2015.
53. Question Result, ID, References Sat, 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 7541 Bremerton
54. Question Result, ID, References Sat, 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 7544 Wenatchee, 7543 Moses Lake
Result Notes No issues. Reviewed records to 2015.
55. Question Result, ID, References Sat, 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 7546 Kennewick
Result Notes Reviewed records from 2015 to 2018. No issues.
56. Question Result, ID, References Sat, 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 7545 Mount Vernon
Result Notes Reviewed records back to 2015.
57. Question Result, ID, References Sat, 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 7542 Sunnyside
Result Notes Records showed one critical bond which was good. No issues noted.
58. 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 7542 Sunnyside
Result Notes The only deficiencies noted were related to casings shorted to the carrier pipe. As required by the WAC leak surveys were performed every 6 months until cleared.
59. 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 7545 Mount Vernon
Result Notes One work order reviewed #12-050 which exceeded the 90 day remediation timeframe allowed with Commission approval. The remediation required the replacement of a regulator station. No issues

60. Question Result, ID, References **Sat, TD.CP.MONITOR.DEFICIENCY.R, 192.491(c) (192.465(d))**
 Question Text *Do records adequately document actions taken to correct any identified deficiencies in corrosion control?*
 Assets Covered **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **Reviewed all low reads back to 2015. Form CNG 650 is used to document low reads. All were remediated within 90 days as required.**
61. Question Result, ID, References **NA, TD.CP.MONITOR.DEFICIENCY.R, 192.491(c) (192.465(d))**
 Question Text *Do records adequately document actions taken to correct any identified deficiencies in corrosion control?*
 Assets Covered **7541 Bremerton**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
62. Question Result, ID, References **Sat, TD.CP.MONITOR.DEFICIENCY.R, 192.491(c) (192.465(d))**
 Question Text *Do records adequately document actions taken to correct any identified deficiencies in corrosion control?*
 Assets Covered **7546 Kennewick**
 Result Notes **All low reads were checked and remediation was completed within 90 days are required.**
63. Question Result, ID, References **Sat, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))**
 Question Text *Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?*
 Assets Covered **7546 Kennewick**
 Result Notes **This is a repeat question. CNG form 625's were reviewed for 2016 to 2018. No issues noted.**
64. Question Result, ID, References **Sat, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))**
 Question Text *Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?*
 Assets Covered **7541 Bremerton**
 Result Notes **CNG Form 625's were reviewed from 2016 to the present.**
65. Question Result, ID, References **Sat, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))**
 Question Text *Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?*
 Assets Covered **7545 Mount Vernon**
 Result Notes **CNG Form 625's were reviewed from 2016 to the present.**
66. Question Result, ID, References **Sat, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))**
 Question Text *Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?*
 Assets Covered **7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside**
 Result Notes **CNG Form 625's were reviewed from 2016 to the present.**
67. Question Result, ID, References **Sat, TD.CP.MONITOR.TESTSTATION.R, 192.469**
 Question Text *Do records identify the location of test stations and show a sufficient number of test stations?*
 Assets Covered **7546 Kennewick**
68. Question Result, ID, References **Sat, TD.CP.MONITOR.TESTSTATION.R, 192.469**
 Question Text *Do records identify the location of test stations and show a sufficient number of test stations?*
 Assets Covered **7542 Sunnyside**
69. Question Result, ID, References **Sat, TD.CP.MONITOR.TESTSTATION.R, 192.469**
 Question Text *Do records identify the location of test stations and show a sufficient number of test stations?*
 Assets Covered **7545 Mount Vernon**

70. 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 **7544 Wenatchee, 7543 Moses Lake**
71. 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 **7541 Bremerton**
 Result Notes **No issues noted. Will verify through field inspection also.**
72. 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 **7541 Bremerton**
73. 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 **7545 Mount Vernon**
 Result Notes **Reviewed no records indicating that any facilities are missing test leads.**
74. 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 **7546 Kennewick**
 Result Notes **No issues noted. Reviewed casing records for 2016 to 2018. Casings installed before 2005 that don't have test leads are tested with a Tinkor Raser. No issues noted.**
75. 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 **7542 Sunnyside**
 Result Notes **There are some casings that do not have test leads installed since they were pre-code (2005) and do not have vents. A Tinkor Razor is used to determine electrical isolation for these casings.**
76. 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 **7544 Wenatchee, 7543 Moses Lake**
77. 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 **7541 Bremerton**
 Result Notes **No such activity/condition was observed during the inspection.**

CP 755 8.6.5 addresses interference currents. CNG states they have no interference currents in this district.
78. 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 **7546 Kennewick**

- Result Notes No such relevant facilities/equipment existed in the scope of inspection review. No known areas of stray current were noted by CNG.
79. Question Result, ID, References Sat, 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 7543 Moses Lake
 Result Notes Asked CP if this was an issue. Two interference bonds. One on Yellowstone and 1 on Williams.
80. Question Result, ID, References Sat, 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 7542 Sunnyside
 Result Notes Only one interference bond is located in the Sunnyside district. No issues.
81. 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 7544 Wenatchee
 Result Notes No such relevant facilities/equipment existed in the scope of inspection review. No interference issues in Wenatchee.
82. Question Result, ID, References Sat, 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 7545 Mount Vernon
83. 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 7544 Wenatchee, 7543 Moses Lake
 Result Notes No such relevant facilities/equipment existed in the scope of inspection review. All casings were installed with vents.
84. 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 7546 Kennewick
 Result Notes Reviewed all casings that are surveyed annually from 2016 to 2018. Some casings installed prior to 2005 that do not have test leads are tested with a Tinkor Raser. No issues. All shorted casings were leak surveyed every 6 months.
85. 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 7541 Bremerton
 Result Notes Records indicate that CNG has no casings without electrical contact points.
86. 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 7542 Sunnyside

Result Notes No issues noted. Casings with no test leads were tested for isolation with a Tinkor Razor.

87. 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 7545 Mount Vernon
Result Notes In 2016 CNG completed a system wide casing survey to find all casings in their system. the number of known casings increased by about 300%. I reviewed their casing survey records and for casings that were determined to be shorted I then reviewed the individual leak survey records which are required to be performed every 6 months until the short is removed. No issues noted.
88. 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 7545 Mount Vernon
Result Notes During random crew inspections prior to the office inspection I observed crews sealing the casing ends.
89. 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 7541 Bremerton
Result Notes This was verified through pre-field crew inspections.
90. 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 7544 Wenatchee, 7543 Moses Lake
Result Notes Reviewed as built records for a casing indicating casing seals were used. No service installations were reviewed during this inspection.
91. 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 7546 Kennewick
Result Notes Prior to this inspection field construction crews were inspected and observed to seal the conduits. CNG's as built's also show that casing seals were installed.
92. 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 7542 Sunnyside
Result Notes No such event occurred, or condition existed, in the scope of inspection review. No casings were observed during crew inspections.
93. 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 7542 Sunnyside
Result Notes Reviewed CNG Form 625's for any internal pipe inspection.
94. 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 7544 Wenatchee, 7543 Moses Lake
Result Notes Reviewed the CNG form 625. No issues.

95. 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 **7546 Kennewick**
 Result Notes **We reviewed CNG form 625's which document the internal and exterior condition of the pipe and coating.**
96. 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 **7545 Mount Vernon**
 Result Notes **No such activity/condition was observed during the inspection. I reviewed the 625 dig forms and saw no removed pipe, only external examination.**
97. 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 **7541 Bremerton**
 Result Notes **Reviewed a sampling of CNG Form 625 IM Dig Reports.**

CNG documented the internal pipe condition on all reports reviewed where piping was removed.
98. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINSP.R, 192.491(c) (192.481(a), 192.481(b), 192.481(c))**
 Question Text *Do records document inspection of aboveground pipe for atmospheric corrosion?*
 Assets Covered **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **Reviewed a sampling of atmospheric corrosion records to ensure the 36 month survey frequency was met. No issues.**
99. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINSP.R, 192.491(c) (192.481(a), 192.481(b), 192.481(c))**
 Question Text *Do records document inspection of aboveground pipe for atmospheric corrosion?*
 Assets Covered **7545 Mount Vernon**
 Result Notes **No issues.**
100. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINSP.R, 192.491(c) (192.481(a), 192.481(b), 192.481(c))**
 Question Text *Do records document inspection of aboveground pipe for atmospheric corrosion?*
 Assets Covered **7541 Bremerton**
 Result Notes **Reviewed shut down section I-O-35 for atmospheric corrosion survey records. No issues. Verified OQ records for the 2016 and 2013 surveyors.**
101. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINSP.R, 192.491(c) (192.481(a), 192.481(b), 192.481(c))**
 Question Text *Do records document inspection of aboveground pipe for atmospheric corrosion?*
 Assets Covered **7542 Sunnyside**
 Result Notes **A sampling of random sites during pre-audit field work were reviewed with no issues. Regulator station atmospheric corrosion survey records were reviewed.**
102. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINSP.R, 192.491(c) (192.481(a), 192.481(b), 192.481(c))**
 Question Text *Do records document inspection of aboveground pipe for atmospheric corrosion?*
 Assets Covered **7546 Kennewick**
103. 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 7541 Bremerton

Result Notes All records appeared to indicate adequate coating procedures. Some areas of poor coating were excavated on pre-71 pipe and the coating was replaced.

104. 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 7546 Kennewick, 7542 Sunnyside

Result Notes All pipe is coated.

105. 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 7544 Wenatchee, 7543 Moses Lake

Result Notes Through records and field inspections along with their O&M procedures all pipe is coated.

106. 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 7545 Mount Vernon

Result Notes During the records review it was noted that all pipe was coated that was examined.

107. Question Result, ID, References NA, TD.ICP.REPAIR.R, 192.485(a) (192.485(b))

Question Text Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?

Assets Covered 7544 Wenatchee, 7543 Moses Lake

Result Notes No such event occurred, or condition existed, in the scope of inspection review. No required repairs due to external wall loss.

108. Question Result, ID, References NA, TD.ICP.REPAIR.R, 192.485(a) (192.485(b))

Question Text Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?

Assets Covered 7545 Mount Vernon

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

During a review of CNG's form 625 I observed no reports of internal corrosion.

109. Question Result, ID, References NA, TD.ICP.REPAIR.R, 192.485(a) (192.485(b))

Question Text Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?

Assets Covered 7541 Bremerton

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

Saw no records indicating that internal corrosion was present during this inspection.

110. Question Result, ID, References Sat, TD.ICP.REPAIR.R, 192.485(a) (192.485(b))

Question Text Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?

Assets Covered 7542 Sunnyside

Result Notes No such event occurred, or condition existed, in the scope of inspection review. Buried pipe reports were reviewed and there were no issues.

111. Question Result, ID, References NA, TD.ICP.REPAIR.R, 192.485(a) (192.485(b))

Question Text Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?

Assets Covered 7546 Kennewick
Result Notes No such activity/condition was observed during the inspection.

112. Question Result, ID, References NA, TD.ICP.EVALUATE.R, 192.491(c) (192.485(c))
Question Text *Do records document adequate evaluation of internally corroded pipe?*
Assets Covered 7546 Kennewick
Result Notes No such activity/condition was observed during the inspection.

113. Question Result, ID, References NA, TD.ICP.EVALUATE.R, 192.491(c) (192.485(c))
Question Text *Do records document adequate evaluation of internally corroded pipe?*
Assets Covered 7541 Bremerton
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

A records review did not indicate any areas of internally corroded pipe. The records were reviewed on a sampling basis with all of 2018 being reviewed. CNG has extensive IM Dig Reports on CNG Form 625

114. Question Result, ID, References NA, TD.ICP.EVALUATE.R, 192.491(c) (192.485(c))
Question Text *Do records document adequate evaluation of internally corroded pipe?*
Assets Covered 7542 Sunnyside
Result Notes No such event occurred, or condition existed, in the scope of inspection review. A review of repair records did not show any internally corroded pipe.

115. Question Result, ID, References NA, TD.ICP.EVALUATE.R, 192.491(c) (192.485(c))
Question Text *Do records document adequate evaluation of internally corroded pipe?*
Assets Covered 7545 Mount Vernon
Result Notes No such activity/condition was observed during the inspection. I observed no records indicating that pipe was removed.

116. Question Result, ID, References Sat, TD.ICP.EVALUATE.R, 192.491(c) (192.485(c))
Question Text *Do records document adequate evaluation of internally corroded pipe?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake

PRR.PT: Pressure Test

117. Question Result, ID, References Sat, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.517(b) (192.509(a), 192.509(b))
Question Text *Do records indicate that pressure testing is conducted in accordance with 192.509(a)?*
Assets Covered 7546 Kennewick
Result Notes Reviewed a sampling of pressure test charts including temperature charts for a high pressure job. No issues noted.

118. Question Result, ID, References Sat, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.517(b) (192.509(a), 192.509(b))
Question Text *Do records indicate that pressure testing is conducted in accordance with 192.509(a)?*
Assets Covered 7545 Mount Vernon
Result Notes All records reviewed where a pressure test would be required showed that CNG met the requirements.

119. Question Result, ID, References Sat, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.517(b) (192.509(a), 192.509(b))
Question Text *Do records indicate that pressure testing is conducted in accordance with 192.509(a)?*
Assets Covered 7542 Sunnyside
Result Notes Records show all pressure tests were conducted as required.

120. Question Result, ID, References Sat, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.517(b) (192.509(a), 192.509(b))
Question Text *Do records indicate that pressure testing is conducted in accordance with 192.509(a)?*

Assets Covered 7541 Bremerton

Result Notes Reviewed a sampling of CNG Form 315 which documents new installation pressure tests. All tests reviewed met .509.

121. Question Result, ID, References Sat, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.517(b) (192.509(a), 192.509(b))
Question Text *Do records indicate that pressure testing is conducted in accordance with 192.509(a)?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake
Result Notes Reviewed pressure test records for a sampling of new and replaced services and mains. Compared to CNG's procedures for timeframe. No issues noted.
122. 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 7544 Wenatchee
Result Notes Malaga Alcoa Highway high pressure pipeline was tested for 4 hours. The minimum in CNG's procedures for a 6-inch, 1,300' line is 24hrs. Was engineering consulted.
123. 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 7543 Moses Lake
Result Notes No such event occurred, or condition existed, in the scope of inspection review. No high pressure tests conducted.
124. 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 7546 Kennewick
Result Notes All records reviewed showed proper pressure tests.
125. 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 7545 Mount Vernon
Result Notes Reviewed test records for a HP job called the Burlington 3" HP replacement.
126. 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 7541 Bremerton
Result Notes No such event occurred, or condition existed, in the scope of inspection review. CNG states no pressure tests over 100 psig were conducted since the last inspection.
127. 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 7542 Sunnyside
Result Notes Records show all pressure tests were conducted as required.
128. 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 7545 Mount Vernon
Result Notes All records reviewed where a pressure test would be required showed that CNG met the requirements.
129. 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 7542 Sunnyside

Result Notes Records show all pressure tests were conducted as required.

130. 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 7541 Bremerton

Result Notes Reviewed a sampling of form 315 which documents pressure tests for new service lines. No issues.

131. 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 7544 Wenatchee, 7543 Moses Lake

Result Notes Reviewed a sampling of new and test and tie service tests. No issues.

132. 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 7546 Kennewick

Result Notes All records reviewed indicated pressure tests were conducted as required.

133. 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 7546 Kennewick

Result Notes No issues noted.

134. 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 7542 Sunnyside

Result Notes Records show all pressure tests were conducted as required.

135. 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 7545 Mount Vernon

Result Notes All records reviewed where a pressure test would be required showed that CNG met the requirements.

136. 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 7541 Bremerton

Result Notes Reviewed CNG Form 315 which documents pressure tests and all were good. (Sampling basis)

137. 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 7544 Wenatchee, 7543 Moses Lake

Result Notes Reviewed a sampling of service line tests including some test and tie overs. No issues.

PRR.UPRATE: Uprating

138. 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 7542 Sunnyside

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

139. 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 **7546 Kennewick**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No uprates since the last inspection.**
140. 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 **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No uprates conducted since last inspection.**
141. 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 **7541 Bremerton**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No uprates since the last inspection.**
142. Question Result, ID, References **Sat, 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 **7545 Mount Vernon**
 Result Notes **Reviewed records for the Mount Vernon High Pressure uprate conducted in 2016. No issues.**
143. Question Result, ID, References **NA, MO.GOUPRATE.MAOPINCREASELIMIT.R, 192.553(b) (192.553(c), 192.553(d), 192.557(a))**
 Question Text *Do records indicate that increases in MAOP are limited in accordance with 192.519 and 192.621?*
 Assets Covered **7542 Sunnyside**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No such event occurred, or condition existed, in the scope of inspection review. CNG states no uprates occurred.**
144. Question Result, ID, References **NA, MO.GOUPRATE.MAOPINCREASELIMIT.R, 192.553(b) (192.553(c), 192.553(d), 192.557(a))**
 Question Text *Do records indicate that increases in MAOP are limited in accordance with 192.519 and 192.621?*
 Assets Covered **7546 Kennewick**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No uprates since the last inspection.**
145. Question Result, ID, References **NA, MO.GOUPRATE.MAOPINCREASELIMIT.R, 192.553(b) (192.553(c), 192.553(d), 192.557(a))**
 Question Text *Do records indicate that increases in MAOP are limited in accordance with 192.519 and 192.621?*
 Assets Covered **7541 Bremerton**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No uprates since last inspection.**
146. Question Result, ID, References **Sat, MO.GOUPRATE.MAOPINCREASELIMIT.R, 192.553(b) (192.553(c), 192.553(d), 192.557(a))**
 Question Text *Do records indicate that increases in MAOP are limited in accordance with 192.519 and 192.621?*
 Assets Covered **7545 Mount Vernon**
147. Question Result, ID, References **NA, MO.GOUPRATE.MAOPINCREASELIMIT.R, 192.553(b) (192.553(c), 192.553(d), 192.557(a))**
 Question Text *Do records indicate that increases in MAOP are limited in accordance with 192.519 and 192.621?*
 Assets Covered **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review. No increases in MAOP.**

148. Question Result, ID, [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 [7541 Bremerton](#)
 Result Notes [No such event occurred, or condition existed, in the scope of inspection review. No uprates since last inspection.](#)
149. Question Result, ID, [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 [7546 Kennewick](#)
 Result Notes [No such event occurred, or condition existed, in the scope of inspection review.](#)
[No uprates since the last inspection.](#)
150. Question Result, ID, [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 [7544 Wenatchee, 7543 Moses Lake](#)
 Result Notes [No such event occurred, or condition existed, in the scope of inspection review. No uprates conducted since last inspection.](#)
151. Question Result, ID, [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 [7542 Sunnyside](#)
 Result Notes [No such event occurred, or condition existed, in the scope of inspection review. No such event occurred, or condition existed, in the scope of inspection review. CNG states no uprates occurred.](#)
152. Question Result, ID, [Sat, 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 [7545 Mount Vernon](#)

PRR.OM: Operations And Maintenance

153. Question Result, ID, [Sat, EP.ERG.LIAISON.R, 192.605\(a\) \(192.615\(c\)\(1\), 192.615\(c\)\(2\), 192.615\(c\)\(3\), 192.615\(c\)\(4\), 192.616\(c\), ADB-05-03\)](#) (also presented in: [MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE](#))
 Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
 Assets Covered [7541 Bremerton](#)
 Result Notes [Reviewed a log of emergency response officials contacted with names, addresses and email/phone info. Emergency procedures are in CNG's emergency response plan and the PA plan deals with integrating emergency officials into their process.](#)
154. Question Result, ID, [Sat, EP.ERG.LIAISON.R, 192.605\(a\) \(192.615\(c\)\(1\), 192.615\(c\)\(2\), 192.615\(c\)\(3\), 192.615\(c\)\(4\), 192.616\(c\), ADB-05-03\)](#) (also presented in: [MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE](#))
 Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
 Assets Covered [7545 Mount Vernon](#)
 Result Notes [Reviewed a spreadsheet of contact made with local public officials.](#)
155. Question Result, ID, [Sat, EP.ERG.LIAISON.R, 192.605\(a\) \(192.615\(c\)\(1\), 192.615\(c\)\(2\), 192.615\(c\)\(3\), 192.615\(c\)\(4\), 192.616\(c\), ADB-05-03\)](#) (also presented in: [MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE](#))
 Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
 Assets Covered [7542 Sunnyside](#)
 Result Notes [Reviewed records which showed various entities and contact dates.](#)

156. Question Result, ID, References **Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03)** (also presented in: MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE)
- Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
- Assets Covered **7546 Kennewick**
- Result Notes **Reviewed CNG's Emergency Response newsletter.**
- CNG's Form 1001 that documents emergency responder contacts and discussion topics.**
157. Question Result, ID, References **Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03)** (also presented in: MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE, MISCTOPICS.PUBAWARE)
- Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
- Assets Covered **7544 Wenatchee, 7543 Moses Lake**
158. Question Result, ID, References **Sat, MO.GO.OMANNUALREVIEW.R, 192.605(a)**
- Question Text *Has the operator conducted annual reviews of the written procedures or processes in the manual as required?*
- Assets Covered **7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton**
- Result Notes **Reviewed their log of procedural changes for their O&M manual from 2014 - 2018. No issues.**
159. 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 **7542 Sunnyside**
- Result Notes **Patrols were reviewed from 2016 to present. 2017 was missing the second quarter patrol. The surveyor kept a journal which had the dates that the patrols were conducted so there were no issues.**
160. 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 **7541 Bremerton**
- Result Notes **Reviewed a sampling of areas requiring markers. Reviewed several work orders for missing markers - No issues.**
- GIS maps indicate where the markers should be placed. Marker surveys are done with leak surveys.**
- patrols and bridge inspections also have marker surveys.**
161. 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 **7546 Kennewick**
- Result Notes **Marker surveys are conducted during leak surveys and patrols. No issues noted.**
162. 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 **7544 Wenatchee, 7543 Moses Lake**
- Result Notes **Reviewed a sampling of markers that were replaced after patrols or leak surveys were conducted.**
163. 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 **7545 Mount Vernon**
- Result Notes **Reviewed follow up work orders, no issues.**

164. Question Result, ID, References **Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4)** (also presented in: MISCTOPICS.PUBAWARE)
 Question Text *Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?*
 Assets Covered **7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton**
 Result Notes **Program effectiveness was done in 2014 and is currently being done now scheduled for a June completion date.**
165. Question Result, ID, References **Sat, PD.PA.LANGUAGE.R, 192.616(g) (API RP 1162 Section 2.3.1)** (also presented in: 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 **7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton**
 Result Notes **Just completed a study indicating that Spanish is the main secondary language. Reviewed notifications that were written in Spanish. On CNG's website they utilize 5 different languages.**
166. 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 **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **Reviewed CNG form 640. No issues.**
167. 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 **7541 Bremerton**
 Result Notes **CNG uses a form (CNG 640) to conduct periodic reviews.**
168. 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 **7546 Kennewick**
 Result Notes **Reviewed a sampling of CNG form 640 (Construction Inspection Checklist). No issues noted.**
169. 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 **7545 Mount Vernon**
 Result Notes **CNG uses form 640 called the Construction Inspection Checklist.**
170. 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 **7542 Sunnyside**
 Result Notes **Reviewed CNG form 640 which is the Construction Inspection Form.**
171. 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 **7546 Kennewick**

Result Notes Reviewed quarterly patrols from late 2015 to 2018. All work orders were reviewed to confirm remediation. No issues.

172. 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 7541 Bremerton

Result Notes CNG revised their patrol log form in 2017. At this time they removed any transmission pipelines from the distribution patrol log. It was somewhat difficult to tell what should have been on the 2018 form as many of the previously patrolled pipelines were removed.

173. 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 7545 Mount Vernon

Result Notes Reviewed all system patrols. One patrol on Knapp Rd Bridge noted deteriorated coating and hangers that need work. A work order was created on 7/28/2018 to remediate the pipe coating and hangers. As of 5/8/2018 this has not been completed.

We will inspect this during our field inspection.

174. 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 7542 Sunnyside

Result Notes Patrols were reviewed from 2016 to present. 2017 was missing the second quarter patrol. The surveyor kept a journal which had the dates that the patrols were conducted so there were no issues.

175. 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 7544 Wenatchee, 7543 Moses Lake

Result Notes Reviewed patrol records from 2015 to present.

176. 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 7546 Kennewick

Result Notes Reviewed leak survey records for the following systems:

Richland Section 6 - 5 year residential surveys. No issues noted.

Burbank Section 1 - annual surveys for 2016 through 2018. No issues noted.

Paterson Section 1 - annual surveys for 2017 and 2018. No issues noted.

177. 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 7542 Sunnyside

Result Notes All business district and HOS leak surveys for the entire district were reviewed for 2016 to the present. A sampling of 5-year leak surveys were reviewed. No issues noted.

178. 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 7544 Wenatchee

Result Notes Reviewed the following leak survey records:

6" Wenatchee H.P. Line 12 on the Malaga Alcoa Hwy for 2016 and 2017. . (Annual survey)

Wenatchee Section 5, 2017 - 2012

Othello Section 5, 2018 - 2013

Moses Lake Section 5, 2018 - 2013

There were no issues noted.

179. 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 7545 Mount Vernon
Result Notes Conducted a sampling of leak surveys.

The following were reviewed.

Sedro Woolley Section 3 (residential 5yr) for the 2012 and 2017 surveys. No issues.

LaConner Section 3 (residential 5yr) for the 2010 and 2015 surveys. No issues.

LaConner Section 1 (annual) for the 2015, 2016 and 2017 surveys. No issues.

High Pressure Camano Island to Whidbey Island (annual) for the 2015, 2016 and 2017 surveys. No issues.

180. 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 7543 Moses Lake
Result Notes Reviewed the following leak survey records:

6" Wenatchee H.P. Line 12 on the Malaga Alcoa Hwy for 2016 and 2017. . (Annual survey)

Wenatchee Section 5, 2017 - 2012

Othello Section 5, 2018 - 2013

Moses Lake Section 5, 2018 - 2013

There were no issues noted.

181. 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 7541 Bremerton
Result Notes Reviewed Gorst Section 1, 2016 to 2017 Business District annual

Bremerton Section 3, 2012 to 2017, Residential 5 year

Bremerton Section 1, Business District and High Occupancy Structure

182. 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 [7542 Sunnyside](#)
183. 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 [7545 Mount Vernon](#)
 Result Notes [Pipeline markers are noted on the leak survey maps.](#)
184. 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 [7541 Bremerton](#)
 Result Notes [Marker surveys are conducted during leak surveys. Marker locations are marked on leak survey maps. Markers are also inspected during bridge patrols.](#)
185. 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 [7544 Wenatchee, 7543 Moses Lake](#)
 Result Notes [Pipeline markers are noted on the leak survey maps.](#)
186. 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 [7546 Kennewick](#)
187. Question Result, ID, References [Sat, MO.RW.MARKERSURVEY.R,](#)
 Question Text *Do records indicate that pipeline marker surveys were completed and completed in the timeframe specified by WAC 480-93-124?*
 Assets Covered [7545 Mount Vernon](#)
 Result Notes [Records reviewed indicated that markers were completed as necessary. Damaged or missing markers were promptly replaced.](#)
188. Question Result, ID, References [Sat, MO.RW.MARKERSURVEY.R,](#)
 Question Text *Do records indicate that pipeline marker surveys were completed and completed in the timeframe specified by WAC 480-93-124?*
 Assets Covered [7544 Wenatchee, 7543 Moses Lake](#)
 Result Notes [Surveys are done with patrols and leak surveys. Pipeline markers are noted on the leak survey maps.](#)
189. Question Result, ID, References [Sat, MO.RW.MARKERSURVEY.R,](#)
 Question Text *Do records indicate that pipeline marker surveys were completed and completed in the timeframe specified by WAC 480-93-124?*
 Assets Covered [7546 Kennewick](#)
 Result Notes [Reviewed pipeline marker surveys with leak surveys and patrol logs. All missing markers were promptly replaced.](#)
190. Question Result, ID, References [Sat, MO.RW.MARKERSURVEY.R,](#)
 Question Text *Do records indicate that pipeline marker surveys were completed and completed in the timeframe specified by WAC 480-93-124?*
 Assets Covered [7541 Bremerton](#)
 Result Notes [No issues noted. Reviewed marker surveys during patrols and leak surveys.](#)
191. Question Result, ID, References [Sat, MO.RW.MARKERSURVEY.R,](#)

- Question Text *Do records indicate that pipeline marker surveys were completed and completed in the timeframe specified by WAC 480-93-124?*
- Assets Covered 7542 Sunnyside
- Result Notes Markers are surveyed during leak surveys and patrols.
192. Question Result, ID, References Sat, MO.GOABNORMAL.ABNORMALREVIEW.R, 192.605(a) (192.605(c)(4))
- Question Text *Do records indicate periodic review of work done by operator personnel to determine the effectiveness of the abnormal operation processes and corrective action taken where deficiencies are found?*
- Assets Covered 7541 Bremerton
193. Question Result, ID, References Sat, MO.GOABNORMAL.ABNORMALREVIEW.R, 192.605(a) (192.605(c)(4))
- Question Text *Do records indicate periodic review of work done by operator personnel to determine the effectiveness of the abnormal operation processes and corrective action taken where deficiencies are found?*
- Assets Covered 7546 Kennewick, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside
194. Question Result, ID, References Sat, MO.GOABNORMAL.ABNORMALREVIEW.R, 192.605(a) (192.605(c)(4))
- Question Text *Do records indicate periodic review of work done by operator personnel to determine the effectiveness of the abnormal operation processes and corrective action taken where deficiencies are found?*
- Assets Covered 7545 Mount Vernon
195. Question Result, ID, References Sat, PD.OC.PDPROGRAM.R, 192.614(c)
- Question Text *Does the damage prevention program meet minimum requirements specified in 192.614(c)?*
- Assets Covered 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton
- Result Notes Reviewed the requirements and CNG's mailings and notifications. CNG's CP 835 addresses damage prevention.
196. Question Result, ID, References NA, MO.GOCLASS.CLASSLOCATESTUDY.R, 192.605(b)(1) (192.609(a), 192.609(b), 192.609(c), 192.609(d), 192.609(e), 192.609(f))
- Question Text *Do records indicate performance of the required study whenever the population along a pipeline increased or there was an indication that the pipe hoop stress was not commensurate with the present class location?*
- Assets Covered 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton
- Result Notes No such relevant facilities/equipment existed in the scope of inspection review. THIS IS TRANSMISSION.
197. 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 7544 Wenatchee, 7543 Moses Lake
- Result Notes Reviewed a sampling of post incident reviews which are documented on CNG 234 forms.
198. 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 7542 Sunnyside
- Result Notes Reviewed a sampling of form 234 which are done after each incident.
199. 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 7545 Mount Vernon
- Result Notes CNG uses Form CNG 234 for post incident reviews. I reviewed a sampling of these forms. Good records.
200. 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 7546 Kennewick

Result Notes CNG form 234 tracks whether procedures were effectively followed.

201. 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 7541 Bremerton

Result Notes CNG Form 234 is used to document post incident reviews. Records were reviewed.

202. 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 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton

Result Notes CNG procedure CP 925 has a twice annual training requirement. This was implemented in 2017 so there are not sufficient records at this time to evaluate the training criteria. Everything else was good.

203. 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 7546 Kennewick

Result Notes CNG has a procedure for collecting and analyzing pipe or components related to accidents. CP 722. CNG has not had any incidents in this district since the last inspection.

204. 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 7545 Mount Vernon

Result Notes One lab analysis was conducted for a 2-inch butt fusion failure dated 2/14/2018.

205. 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 7543 Moses Lake

Result Notes CNG has a procedure for collecting and analyzing pipe or components related to accidents. CP 722. CNG has not had any incidents in this district since the last inspection.

206. 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 7541 Bremerton

Result Notes CNG has a procedure for collecting and analyzing pipe or components related to accidents. CP 722. CNG had one incident in 8/18/2015 that resulted in an explosion and injury. The ATF confiscated the components and would not release them to CNG. They were eventually analyzed by a lab.

207. 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 7542 Sunnyside

Result Notes CNG had one mechanical coupling failure at 811 Adams St in Toppenish. It was a 2-inch Dresser that leaked due to seal failure on 12/21/2017. .

208. 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 7544 Wenatchee

Result Notes Wenatchee experienced on NRC incident on January 19, 2017. NRC report number 1169311. Lab protocol was followed. Additional samples were obtained throughout CNG's system in Oregon and Washington and these samples were analyzed to determine the extent of the welding issue.

209. 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 7542 Sunnyside

Result Notes In 2017 several odorant reads were recorded as below .20 which requires follow up action per CNG standards. It should be noted that the lower the level the higher the odorant concentration.

CNG subsequently found that the recorded reads was an employee error. They obtained information from the instrument manufacturer and the reads were confirmed as meeting the requirements set forth in their procedures.

210. 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 7544 Wenatchee, 7543 Moses Lake

Result Notes Reviewed 100% of odorant test reads from 2015 to the present. No issues and no reads outside normal range.

211. 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 7541 Bremerton

Result Notes Reviewed all odorization test records from 2016 to 2018. Only one read was outside the required limit and it was promptly adjusted and re-tested. The read outside limits was due to high winds according to the notes.

212. 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 7545 Mount Vernon

Result Notes Reviewed all odorization sniff tests from 2016 through 2018.

213. 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 7546 Kennewick

Result Notes Monthly odorant sniff tests were reviewed on a 100% basis for 2016 to 2018. One reading was above the minimum threshold. Documentation showed that it was a new station just coming on line. Special sniff tests were conducted the same day after adjustments were made and the odorant level was within the required levels.

214. 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 7545 Mount Vernon
Result Notes All disconnected service line records indicated that they were tested.

215. 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 7544 Wenatchee, 7543 Moses Lake
Result Notes Reviewed test and tie over service tests on main replacements and third party damaged services that were tested and repaired.
216. 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 7542 Sunnyside
Result Notes Reviewed all third party damages and other leaks where the service lines were damaged or disconnected. Records indicate that they were all properly tested. Reviewed records from 2016 to present.
217. 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 7546 Kennewick
Result Notes Reviewed all leaks from 2016 to 2018. No issues.
218. 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 7541 Bremerton
Result Notes Reviewed pressure test records for third party damages where the services were disconnected.
219. 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 7545 Mount Vernon
Result Notes No such event occurred, or condition existed, in the scope of inspection review. No lowering of steel above 60 psig or over 2-inch occurred.
220. 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 7544 Wenatchee, 7543 Moses Lake
Result Notes No such event occurred, or condition existed, in the scope of inspection review. No pipelines over 2-inch or over 60 psig were lowered in place so no study was necessary.
221. Question Result, ID, References Sat, 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 7541 Bremerton
Result Notes Reviewed records for the lowering of 6 segments of steel. None were over 2-inch diameter so they did not require an engineering study. Records were good.
222. 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 7542 Sunnyside
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
223. Question Result, ID, References Sat, 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 7546 Kennewick
Result Notes Records show 4 steel mains were lowered. No issues. Leak surveys were conducted within 30 days.

224. Question Result, ID, References [Sat, 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 [7546 Kennewick](#)
 Result Notes [No issues noted.](#)
225. Question Result, ID, References [Sat, 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 [7541 Bremerton](#)
 Result Notes [Reviewed 6 steel lowering records and two leak surveys were conducted for each one within 30 days.](#)
226. Question Result, ID, References [Sat, 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 [7544 Wenatchee](#)
 Result Notes [Three pipelines were lowered in Wenatchee. One missed the 30 day leak survey by one day. I did not write a violation for this.](#)
227. 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 [7543 Moses Lake](#)
 Result Notes [No such event occurred, or condition existed, in the scope of inspection review. No pipelines were lowered since the last inspection.](#)
228. Question Result, ID, References [Sat, 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 [7545 Mount Vernon](#)
 Result Notes [Reviewed documents for several lowerings conducted of small diameter steel services. Leak surveys were completed. None of these required a study.](#)
229. 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 [7542 Sunnyside](#)
 Result Notes [No such event occurred, or condition existed, in the scope of inspection review.](#)
230. Question Result, ID, References [Sat, MO.GMOPP.PRESSREGTEST.R, 192.709\(c\) \(192.739\(a\), 192.739\(b\)\)](#)
 Question Text *Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations as required and at the specified intervals?*
 Assets Covered [7545 Mount Vernon](#)
 Result Notes [Reviewed records for all regulator/relief stations from 2015 to 2018. No issues](#)
231. Question Result, ID, References [Sat, MO.GMOPP.PRESSREGTEST.R, 192.709\(c\) \(192.739\(a\), 192.739\(b\)\)](#)
 Question Text *Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations as required and at the specified intervals?*
 Assets Covered [7541 Bremerton](#)
 Result Notes [Reviewed 2015 to 2018 records. No issues.](#)
232. Question Result, ID, References [Sat, MO.GMOPP.PRESSREGTEST.R, 192.709\(c\) \(192.739\(a\), 192.739\(b\)\)](#)
 Question Text *Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations as required and at the specified intervals?*

Assets Covered 7544 Wenatchee, 7543 Moses Lake
Result Notes Reviewed all maintenance issues from 2015 to present. No issues noted. Good records.

233. Question Result, ID, References Sat, MO.GMOPP.PRESSREGTEST.R, 192.709(c) (192.739(a), 192.739(b))
Question Text *Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations as required and at the specified intervals?*
Assets Covered 7546 Kennewick
Result Notes Reviewed 100% of all regulators for 2015 to 2018.
234. Question Result, ID, References Sat, MO.GMOPP.PRESSREGTEST.R, 192.709(c) (192.739(a), 192.739(b))
Question Text *Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations as required and at the specified intervals?*
Assets Covered 7542 Sunnyside
Result Notes Reviewed all district regulators and relief valves from 2016 to present. No issues.
235. Question Result, ID, References Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))
Question Text *Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required and a new or additional device installed if determined to have insufficient capacity?*
Assets Covered 7545 Mount Vernon
Result Notes Reviewed capacity records for 2016-2018.
236. Question Result, ID, References Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))
Question Text *Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required and a new or additional device installed if determined to have insufficient capacity?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake
Result Notes Reviewed capacity check records for 2015 to 2018. No issues noted.
237. Question Result, ID, References Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))
Question Text *Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required and a new or additional device installed if determined to have insufficient capacity?*
Assets Covered 7542 Sunnyside
Result Notes Reviewed relief capacity checks for 2/1/2017 and 3/19/2018. No changes necessary.
238. Question Result, ID, References Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))
Question Text *Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required and a new or additional device installed if determined to have insufficient capacity?*
Assets Covered 7541 Bremerton
Result Notes Reviewed records for 2016 through 2018. (3 years)
239. Question Result, ID, References Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))
Question Text *Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required and a new or additional device installed if determined to have insufficient capacity?*
Assets Covered 7546 Kennewick
Result Notes Reviewed capacity calculations and cross referenced regulator stations that had changed the grid plates to the calculations. All good.
240. Question Result, ID, References Sat, MO.GM.DISTVALVEINSPECT.R, 192.603(b) (192.747(a), 192.747(b))
Question Text *Do records indicate proper inspection and partial operation of each distribution system valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year, and prompt remedial action to correct any valve found inoperable?*

Assets Covered 7545 Mount Vernon

Result Notes Reviewed all service emergency valves. Reviewed records for a sampling of the distribution system emergency valves. V-1 thru V-39.

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

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

Assets Covered 7541 Bremerton

Result Notes Reviewed valve inspection records for 2015 to 2018.

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

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

Assets Covered 7544 Wenatchee, 7543 Moses Lake

Result Notes Looked at 100% of main valves and a sampling of service valves from 2015 to 2018.

CNG has switched record keeping to Pipeline Inspection Management Software (PIMS) for 2018. There are still some issues on how best to pull data from the records. An excel spreadsheet was provided for 2018. All valves had their inspections completed within the timeframes but there were some data gaps. CNG will look further into the gaps and provide additional data the week of 8/13/2018 when I am back for the field inspection.

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

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

Assets Covered 7546 Kennewick

Result Notes Reviewed approximately 50% of the emergency valves and service valves from 2015 to 2018. All work orders present were reviewed for follow up paperwork and remediation. No issues notes. .

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

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

Assets Covered 7542 Sunnyside

Result Notes Reviewed records for all valves from 2016 to present. (dates only)

Reviewed a sampling of field work orders for service valves required to be maintained.

Reviewed a sampling of field work orders for main valves required to be maintained.

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

Question Text *Do records document inspections at the required interval of all vaults having a volumetric internal content of 200 cubic feet (5.66 cubic meters) or more that house pressure regulating/limiting equipment?*

Assets Covered 7546 Kennewick, 7542 Sunnyside

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

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

Question Text *Do records document inspections at the required interval of all vaults having a volumetric internal content of 200 cubic feet (5.66 cubic meters) or more that house pressure regulating/limiting equipment?*

Assets Covered 7544 Wenatchee, 7543 Moses Lake

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

247. Question Result, ID, References **NA, FS.FG.VAULTINSPECTFAC.R, 192.709(c) (192.749(a), 192.749(b), 192.749(c), 192.749(d))**
 Question Text *Do records document inspections at the required interval of all vaults having a volumetric internal content of 200 cubic feet (5.66 cubic meters) or more that house pressure regulating/limiting equipment?*
 Assets Covered **7545 Mount Vernon**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. No vaults over 200 c.f.**
248. Question Result, ID, References **NA, FS.FG.VAULTINSPECTFAC.R, 192.709(c) (192.749(a), 192.749(b), 192.749(c), 192.749(d))**
 Question Text *Do records document inspections at the required interval of all vaults having a volumetric internal content of 200 cubic feet (5.66 cubic meters) or more that house pressure regulating/limiting equipment?*
 Assets Covered **7541 Bremerton**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
249. Question Result, ID, References **NA, 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 **7541 Bremerton**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
250. Question Result, ID, References **NA, 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 **7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
251. 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 **7546 Kennewick**
 Result Notes **Reviewed the qualification records for 3 welders in the district. Dates were between 2015 and 2018.**
252. 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 **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **Reviewed welder and fusion qualifications for district employees from 2016 to 2018.**
253. 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 **7545 Mount Vernon**
 Result Notes **Reviewed the qualification for 5 welders which is all of the CNG welders in the district. Records were reviewed from 2015 to present. Tested every 6 months per API 1104 standards.**
254. 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 **7542 Sunnyside**
 Result Notes **Welder qualifications were reviewed from 2016 to present.**
255. 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 **7541 Bremerton**
 Result Notes **Reviewed welder qualifications fro 2015 to 2018. They are qualified per API 1104 on a 6 month basis.**
256. Question Result, ID, References **Sat, TQ.QUOMCONST.NDT.R, 192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))**

Question Text *Do records indicate the qualification of nondestructive testing personnel?*
Assets Covered 7541 Bremerton
Result Notes CNG uses Mistras as an NDT contractor. Their qualifications were reviewed during the Longview District inspection.

257. Question Result, ID, References Sat, TQ.QUOMCONST.NDT.R, 192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))

Question Text *Do records indicate the qualification of nondestructive testing personnel?*
Assets Covered 7542 Sunnyside
Result Notes Northwest Inspection is contracted to do all of CNG's NDT.

Reviewed records for a high pressure job at R-85 in Wapato. Inspector #1 (BM) was level II UTT qualified. Inspector #2 (JK) was MT, PT and RT level II qualified. Inspector #2 was also a certified welding inspector.

258. Question Result, ID, References Sat, TQ.QUOMCONST.NDT.R, 192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))

Question Text *Do records indicate the qualification of nondestructive testing personnel?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake
Result Notes CNG uses Mistras as an NDT contractor. Only 1 job on the Malaga Alcoa Hwy used NDT since the last inspection.

259. Question Result, ID, References Sat, TQ.QUOMCONST.NDT.R, 192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))

Question Text *Do records indicate the qualification of nondestructive testing personnel?*
Assets Covered 7545 Mount Vernon
Result Notes CNG uses Mistras as an NDT contractor. Reviewed one large job book which is CNG's record binder for a large job. No issues.

260. Question Result, ID, References Sat, TQ.QUOMCONST.NDT.R, 192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))

Question Text *Do records indicate the qualification of nondestructive testing personnel?*
Assets Covered 7546 Kennewick
Result Notes Kennewick uses Northwest Inspection. Reviewed one HP valve replacement to confirm that CNG used a qualified NDE person.

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

Question Text *Have plastic pipe joining procedures been qualified in accordance with 192.283?*
Assets Covered 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton
Result Notes CNG uses the manufacturers procedures for joining polyethylene.

262. 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 7541 Bremerton
Result Notes Reviewed records for requalification from 2015 - 2018

263. 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 7546 Kennewick
Result Notes Reviewed records for Kennewick personnel from 2015 to 2018.

264. 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 7545 Mount Vernon
Result Notes CP 607. Reviewed records for all CNG fusors in the district back to 2015.

265. 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 [7544 Wenatchee, 7543 Moses Lake](#)
 Result Notes [Reviewed welder and fusion qualifications for district employees from 2016 to 2018.](#)
266. 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 [7542 Sunnyside](#)
 Result Notes [Fusion qualifications were reviewed from 2016 to present. One fuser went over 12 months but no fusions were performed in that time period. CFR 192.285 changed in 2015 and this code requirement should be revised since it references an obsolete federal code.](#)
267. 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 [7541 Bremerton](#)
 Result Notes [Reviewed records for requalification from 2015 - 2018](#)
268. 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 [7542 Sunnyside](#)
 Result Notes [Quals were reviewed from 2016 to present.](#)
269. 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 [7545 Mount Vernon](#)
 Result Notes [Yes.](#)
270. 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 [7544 Wenatchee, 7543 Moses Lake](#)
 Result Notes [Reviewed welder and fusion qualifications for district employees from 2016 to 2018.](#)
271. 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 [7546 Kennewick](#)
272. Question Result, ID, References [Sat, DC.CO.PLASTICPIPESEP.R,](#)
 Question Text *Do records indicate minimum separation requirements are met for plastic pipelines?*
 Assets Covered [7542 Sunnyside](#)
 Result Notes [Reviewed during pre audit field inspections of construction crews.](#)
273. Question Result, ID, References [Sat, DC.CO.PLASTICPIPESEP.R,](#)
 Question Text *Do records indicate minimum separation requirements are met for plastic pipelines?*
 Assets Covered [7544 Wenatchee, 7543 Moses Lake](#)
 Result Notes [Procedures require separation per the WAC. REandom crew inspections found no separation issues.](#)
274. Question Result, ID, References [Sat, DC.CO.PLASTICPIPESEP.R,](#)
 Question Text *Do records indicate minimum separation requirements are met for plastic pipelines?*
 Assets Covered [7546 Kennewick](#)
275. Question Result, ID, References [Sat, DC.CO.PLASTICPIPESEP.R,](#)

Question Text *Do records indicate minimum separation requirements are met for plastic pipelines?*
Assets Covered 7545 Mount Vernon
Result Notes Reviewed during random field inspections. Not sure what type of record would be available.

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

Question Text *Do records indicate minimum separation requirements are met for plastic pipelines?*
Assets Covered 7541 Bremerton
Result Notes Observed during pre-inspection field work and crew inspections.

277. 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 7546 Kennewick
Result Notes Reviewed a sampling of regulator turn ons and all had the set point checks.

278. 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 7545 Mount Vernon
Result Notes Reviewed a sampling of meter turn-ons and all had lockup and flow verified.

279. Question Result, ID, References NA, 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 7542 Sunnyside
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

280. 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 7541 Bremerton
Result Notes Reviewed a sampling of meter set records where the regulator would have been set for the first time. All regulators were set to .25# at initial turn-on.

281. 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 7544 Wenatchee, 7543 Moses Lake
Result Notes Reviewed a sampling of meter turn ons and new meter sets. Pressure is recorded.

282. 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 7545 Mount Vernon
Result Notes All records reviewed where residual gas was present had follow up inspections.

283. 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 7541 Bremerton
Result Notes No issues.

284. 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 7542 Sunnyside

Result Notes Reviewed all leak records for 2016 to present and all were properly followed up within the required timeframe.

285. 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 7544 Wenatchee, 7543 Moses Lake

Result Notes No issues.

286. 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 7546 Kennewick

Result Notes Reviewed all leaks from 2016 to 2018. No issues.

287. 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 7541 Bremerton

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

288. 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 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside

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

289. 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 7542 Sunnyside

Result Notes Reviewed all leak records for 2016 to present. No issues.

290. 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 7541 Bremerton

291. 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 7546 Kennewick

Result Notes Reviewed all leaks from 2016 to 2018. No issues.

292. 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 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake

Result Notes No issues noted.

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

Question Text *Have gas leak records been prepared and maintained as required?*
Assets Covered 7542 Sunnyside
Result Notes All leaks were properly documented.

294. Question Result, ID, References Sat, MO.RW.LEAKRECORDS.R,
Question Text *Have gas leak records been prepared and maintained as required?*
Assets Covered 7545 Mount Vernon

295. Question Result, ID, References Sat, MO.RW.LEAKRECORDS.R,
Question Text *Have gas leak records been prepared and maintained as required?*
Assets Covered 7546 Kennewick
Result Notes Reviewed all leaks from 2016 to 2018. No issues.

296. Question Result, ID, References Sat, MO.RW.LEAKRECORDS.R,
Question Text *Have gas leak records been prepared and maintained as required?*
Assets Covered 7541 Bremerton

297. Question Result, ID, References Sat, MO.RW.LEAKRECORDS.R,
Question Text *Have gas leak records been prepared and maintained as required?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake
Result Notes No issues noted.

298. Question Result, ID, References NA, MO.GM.RECORDS.R, 192.605(b)(1) (192.243(f), 192.709(a), 192.709(b), 192.709(c))
Question Text *Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?*
Assets Covered 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton
Result Notes No such requirement existed in the scope of inspection review. Transmission question.

FR.FIELDPIPE: Pipeline Inspection (Field)

299. Question Result, ID, References Sat, DC.MA.MARKING.O, 192.63(a) (192.63(b), 192.63(c), 192.63(d))
Question Text *Are pipe, valves, and fittings properly marked for identification?*
Assets Covered 7546 Kennewick
Result Notes All field facilities reviewed had properly marked pipe. The Kennewick storage yard was inspected also.

300. Question Result, ID, References Sat, DC.MA.MARKING.O, 192.63(a) (192.63(b), 192.63(c), 192.63(d))
Question Text *Are pipe, valves, and fittings properly marked for identification?*
Assets Covered 7541 Bremerton
Result Notes Reviewed storage yard materials and certain field facilities in operation.

301. Question Result, ID, References Sat, DC.MA.MARKING.O, 192.63(a) (192.63(b), 192.63(c), 192.63(d))
Question Text *Are pipe, valves, and fittings properly marked for identification?*
Assets Covered 7545 Mount Vernon
Result Notes Observed during random field facility and crew inspections.

302. Question Result, ID, References Sat, DC.MA.MARKING.O, 192.63(a) (192.63(b), 192.63(c), 192.63(d))
Question Text *Are pipe, valves, and fittings properly marked for identification?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake
Result Notes PE Pipe is marked by manufacturer. Did not review steel pipe during this inspection.

303. Question Result, ID, References **Sat, DC.MA.MARKING.O, 192.63(a) (192.63(b), 192.63(c), 192.63(d))**
 Question Text *Are pipe, valves, and fittings properly marked for identification?*
 Assets Covered **7542 Sunnyside**
304. Question Result, ID, References **Sat, DC.DPC.GDVALVEPLACEMENT.O, 192.141 (192.181(a), 192.181(b), 192.181(c))**
 Question Text *Are distribution line valves being installed as required of 192.181?*
 Assets Covered **7541 Bremerton**
305. Question Result, ID, References **Sat, DC.DPC.GDVALVEPLACEMENT.O, 192.141 (192.181(a), 192.181(b), 192.181(c))**
 Question Text *Are distribution line valves being installed as required of 192.181?*
 Assets Covered **7542 Sunnyside**
306. Question Result, ID, References **Sat, DC.DPC.GDVALVEPLACEMENT.O, 192.141 (192.181(a), 192.181(b), 192.181(c))**
 Question Text *Are distribution line valves being installed as required of 192.181?*
 Assets Covered **7546 Kennewick**
307. Question Result, ID, References **Sat, DC.DPC.GDVALVEPLACEMENT.O, 192.141 (192.181(a), 192.181(b), 192.181(c))**
 Question Text *Are distribution line valves being installed as required of 192.181?*
 Assets Covered **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **Reviewed this during random field and crew inspections and also during records reviews in the office.**
308. Question Result, ID, References **Sat, DC.DPC.GDVALVEPLACEMENT.O, 192.141 (192.181(a), 192.181(b), 192.181(c))**
 Question Text *Are distribution line valves being installed as required of 192.181?*
 Assets Covered **7545 Mount Vernon**
 Result Notes **Observed during random field facility and crew inspections.**
309. 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 **7543 Moses Lake, 7542 Sunnyside**
310. 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 **7546 Kennewick**
311. 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 **7545 Mount Vernon**
 Result Notes **Observed during random field facility and crew inspections.**
312. 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 **7544 Wenatchee**
313. 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 **7541 Bremerton**
314. 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 7546 Kennewick

315. 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 7541 Bremerton
316. 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 7544 Wenatchee, 7543 Moses Lake
317. 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 7545 Mount Vernon
318. 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 7542 Sunnyside
319. Question Result, ID, References NA, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS)
Question Text *Are line markers placed and maintained as required?*
Assets Covered 7541 Bremerton
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
320. Question Result, ID, References Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS)
Question Text *Are line markers placed and maintained as required?*
Assets Covered 7542 Sunnyside
321. Question Result, ID, References Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS)
Question Text *Are line markers placed and maintained as required?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake
Result Notes *All bridge crossings inspected had proper markers installed.*
322. Question Result, ID, References NA, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS)
Question Text *Are line markers placed and maintained as required?*
Assets Covered 7545 Mount Vernon
Result Notes No such relevant facilities/equipment existed in the scope of inspection review. Transmission only.
323. Question Result, ID, References Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS)
Question Text *Are line markers placed and maintained as required?*
Assets Covered 7546 Kennewick
324. Question Result, ID, References Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS, ATT1FR.FIELDSCS)
Question Text *Are line markers placed and maintained as required for above ground pipelines?*
Assets Covered 7546 Kennewick

325. Question Result, ID, References [Sat, MO.RW.ROWMARKERABOVE.O, 192.707\(c\) \(CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20\)](#) (also presented in: [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#))
- Question Text *Are line markers placed and maintained as required for above ground pipelines?*
- Assets Covered [7541 Bremerton](#)
326. Question Result, ID, References [Sat, MO.RW.ROWMARKERABOVE.O, 192.707\(c\) \(CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20\)](#) (also presented in: [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#))
- Question Text *Are line markers placed and maintained as required for above ground pipelines?*
- Assets Covered [7545 Mount Vernon](#)
327. Question Result, ID, References [Sat, MO.RW.ROWMARKERABOVE.O, 192.707\(c\) \(CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20\)](#) (also presented in: [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#))
- Question Text *Are line markers placed and maintained as required for above ground pipelines?*
- Assets Covered [7544 Wenatchee](#), [7543 Moses Lake](#)
- Result Notes *Line markers are verified during leak surveys and are mapped on leak survey maps. All damaged or missing markers reviewed were replaced within 45 days as required.*
328. Question Result, ID, References [Sat, MO.RW.ROWMARKERABOVE.O, 192.707\(c\) \(CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20\)](#) (also presented in: [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#), [ATT1FR.FIELDACS](#))
- Question Text *Are line markers placed and maintained as required for above ground pipelines?*
- Assets Covered [7542 Sunnyside](#)
329. Question Result, ID, References [Sat, DC.METERREGSVC.EXCSFLOWVLVLOCATE.O, 192.351 \(192.381\(c\), 192.381\(d\), 192.381\(e\)\)](#)
- Question Text *Are service line excess flow valves located and identified in accordance with the requirements of 192.381?*
- Assets Covered [7545 Mount Vernon](#)
330. Question Result, ID, References [Sat, DC.METERREGSVC.EXCSFLOWVLVLOCATE.O, 192.351 \(192.381\(c\), 192.381\(d\), 192.381\(e\)\)](#)
- Question Text *Are service line excess flow valves located and identified in accordance with the requirements of 192.381?*
- Assets Covered [7544 Wenatchee](#), [7543 Moses Lake](#)
- Result Notes *All records reviewed had EFV's installed where required.*
331. Question Result, ID, References [Sat, DC.METERREGSVC.EXCSFLOWVLVLOCATE.O, 192.351 \(192.381\(c\), 192.381\(d\), 192.381\(e\)\)](#)
- Question Text *Are service line excess flow valves located and identified in accordance with the requirements of 192.381?*
- Assets Covered [7542 Sunnyside](#)
- Result Notes *Two excess flow valves were not installed on third party damages to services but CNG installed them prior to the end of this audit.*
332. Question Result, ID, References [Sat, DC.METERREGSVC.EXCSFLOWVLVLOCATE.O, 192.351 \(192.381\(c\), 192.381\(d\), 192.381\(e\)\)](#)
- Question Text *Are service line excess flow valves located and identified in accordance with the requirements of 192.381?*
- Assets Covered [7541 Bremerton](#)
- Result Notes *Service lines were tagged.*
333. Question Result, ID, References [Sat, DC.METERREGSVC.EXCSFLOWVLVLOCATE.O, 192.351 \(192.381\(c\), 192.381\(d\), 192.381\(e\)\)](#)
- Question Text *Are service line excess flow valves located and identified in accordance with the requirements of 192.381?*
- Assets Covered [7546 Kennewick](#)
334. Question Result, ID, References [Sat, DC.METERREGSVC.REGTEST.O,](#)
- Question Text *Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?*

Assets Covered 7546 Kennewick

335. Question Result, ID, References Sat, DC.METERREGSVC.REGTEST.O,
Question Text *Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake
336. Question Result, ID, References Sat, DC.METERREGSVC.REGTEST.O,
Question Text *Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?*
Assets Covered 7541 Bremerton
337. Question Result, ID, References Sat, DC.METERREGSVC.REGTEST.O,
Question Text *Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?*
Assets Covered 7542 Sunnyside
338. Question Result, ID, References Sat, DC.METERREGSVC.REGTEST.O,
Question Text *Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?*
Assets Covered 7545 Mount Vernon
Result Notes Reviewed a sampling of meter turnons. No issues. Observed during random field facility and crew inspections.
339. Question Result, ID, References NA, TD.COAT.NEWPIPEINSTALL.O, 192.461(d)
Question Text *Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?*
Assets Covered 7542 Sunnyside
Result Notes No such event occurred, or condition existed, in the scope of inspection review.
340. Question Result, ID, References Sat, TD.COAT.NEWPIPEINSTALL.O, 192.461(d)
Question Text *Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?*
Assets Covered 7545 Mount Vernon
341. Question Result, ID, References NA, TD.COAT.NEWPIPEINSTALL.O, 192.461(d)
Question Text *Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?*
Assets Covered 7546 Kennewick
Result Notes No such activity/condition was observed during the inspection.
342. Question Result, ID, References NA, TD.COAT.NEWPIPEINSTALL.O, 192.461(d)
Question Text *Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake
Result Notes No such activity/condition was observed during the inspection.
343. Question Result, ID, References NA, TD.COAT.NEWPIPEINSTALL.O, 192.461(d)
Question Text *Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?*
Assets Covered 7541 Bremerton
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

344. Question Result, ID, References **Sat, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)**
 Question Text *Are impressed current sources properly maintained and are they functioning properly?*
 Assets Covered **7546 Kennewick**
345. Question Result, ID, References **Sat, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)**
 Question Text *Are impressed current sources properly maintained and are they functioning properly?*
 Assets Covered **7545 Mount Vernon**
 Result Notes **Observed during inspection field activities.**
346. Question Result, ID, References **Sat, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)**
 Question Text *Are impressed current sources properly maintained and are they functioning properly?*
 Assets Covered **7544 Wenatchee, 7543 Moses Lake**
347. Question Result, ID, References **Sat, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)**
 Question Text *Are impressed current sources properly maintained and are they functioning properly?*
 Assets Covered **7542 Sunnyside**
348. Question Result, ID, References **Sat, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)**
 Question Text *Are impressed current sources properly maintained and are they functioning properly?*
 Assets Covered **7541 Bremerton**
 Result Notes **Reviewed rectifier records from 2/2016 to present. No issues.**
349. 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 **7545 Mount Vernon**
350. 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 **7546 Kennewick**
351. 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 **7542 Sunnyside**
352. 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 **7544 Wenatchee, 7543 Moses Lake**
353. 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 **7541 Bremerton**

354. 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 **7541 Bremerton**
355. 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 **7546 Kennewick**
356. 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 **7544 Wenatchee, 7543 Moses Lake**
357. 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 **7545 Mount Vernon**
358. 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 **7542 Sunnyside**
359. 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 **7545 Mount Vernon**
360. 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 **7544 Wenatchee, 7543 Moses Lake**
361. 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 **7542 Sunnyside**
362. 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 **7546 Kennewick**
363. 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 **7541 Bremerton**
364. 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 **7544 Wenatchee, 7543 Moses Lake**
365. 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 7546 Kennewick

366. 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 7545 Mount Vernon

367. 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 7542 Sunnyside

368. 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 7541 Bremerton

369. Question Result, ID, References Sat, FS.FG.CASESEAL.O,

Question Text *Does the operator seal both ends of casings/conduits for mains and transmission lines and seal the end nearest the building for service lines?*

Assets Covered 7545 Mount Vernon

Result Notes Observed during random field facility and crew inspections.

370. 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 7546 Kennewick

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

371. Question Result, ID, References Sat, FS.FG.CASESEAL.O,

Question Text *Does the operator seal both ends of casings/conduits for mains and transmission lines and seal the end nearest the building for service lines?*

Assets Covered 7544 Wenatchee, 7543 Moses Lake

Result Notes Not observed in the field but as built records showed casing seals were used.

372. Question Result, ID, References Sat, FS.FG.CASESEAL.O,

Question Text *Does the operator seal both ends of casings/conduits for mains and transmission lines and seal the end nearest the building for service lines?*

Assets Covered 7541 Bremerton

Result Notes Did not observe any main casing installations. Services were sealed.

373. 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 7542 Sunnyside

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

374. Question Result, ID, References NA, TD.CPMONITOR.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 7546 Kennewick

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

375. Question Result, ID, References NA, TD.CPMONITOR.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 7544 Wenatchee
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

376. Question Result, ID, References NA, TD.CPMONITOR.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 7542 Sunnyside
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

377. Question Result, ID, References NA, TD.CPMONITOR.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 7541 Bremerton
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

378. Question Result, ID, References NA, TD.CPMONITOR.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 7545 Mount Vernon
Result Notes No such event occurred, or condition existed, in the scope of inspection review.

379. Question Result, ID, References Sat, TD.CPMONITOR.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 7543 Moses Lake
Result Notes Inspected an AC mitigation point on the Rocky Coulee bridge crossing.

380. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c)) (also presented in: ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS)
Question Text *Is pipe that is exposed to atmospheric corrosion protected?*

Assets Covered 7542 Sunnyside

381. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c)) (also presented in: ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS)
Question Text *Is pipe that is exposed to atmospheric corrosion protected?*

Assets Covered 7546 Kennewick

382. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c)) (also presented in: ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS)
Question Text *Is pipe that is exposed to atmospheric corrosion protected?*

Assets Covered 7541 Bremerton

383. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c)) (also presented in: ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS)
Question Text *Is pipe that is exposed to atmospheric corrosion protected?*

Assets Covered 7544 Wenatchee, 7543 Moses Lake

384. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c)) (also presented in: ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS, ATT1FR.FIELDACS)
Question Text *Is pipe that is exposed to atmospheric corrosion protected?*

Assets Covered 7545 Mount Vernon

385. Question Result, ID, References Sat, AR.RCOM.REMEDIATIONOM.O, 192.487(a) (192.487(b))
Question Text *Is anomaly remediation and documentation of remediation adequate for all segments?*

Assets Covered 7546 Kennewick

386. Question Result, ID, References Sat, AR.RCOM.REMEDIATIONOM.O, 192.487(a) (192.487(b))

Question Text *Is anomaly remediation and documentation of remediation adequate for all segments?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake

387. Question Result, ID, References Sat, AR.RCOM.REMEDIATIONOM.O, 192.487(a) (192.487(b))

Question Text *Is anomaly remediation and documentation of remediation adequate for all segments?*
Assets Covered 7541 Bremerton

Result Notes Reviewed documentation that certain corroded pipelines were submitted to engineering for review. No issues.

388. Question Result, ID, References Sat, AR.RCOM.REMEDIATIONOM.O, 192.487(a) (192.487(b))

Question Text *Is anomaly remediation and documentation of remediation adequate for all segments?*
Assets Covered 7545 Mount Vernon

Result Notes Records only. Observed no corroded pipelines in the field.

389. Question Result, ID, References Sat, AR.RCOM.REMEDIATIONOM.O, 192.487(a) (192.487(b))

Question Text *Is anomaly remediation and documentation of remediation adequate for all segments?*
Assets Covered 7542 Sunnyside

390. 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 7544 Wenatchee, 7543 Moses Lake

Result Notes Sniff tests were conducted at random locations and all gas was readily detectable at the proper concentrations.

391. 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 7541 Bremerton

392. 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 7542 Sunnyside

393. Question Result, ID, References NA, 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 7546 Kennewick

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

394. 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 7545 Mount Vernon

Result Notes Records review only.

395. 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 7541 Bremerton

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

396. 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 7546 Kennewick, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside
Result Notes No such activity/condition was observed during the inspection.

397. 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 7545 Mount Vernon
Result Notes No such activity/condition was observed during the inspection.

398. 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 7542 Sunnyside

399. 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 7544 Wenatchee, 7543 Moses Lake
Result Notes All field tests of regulator stations conducted were set at the proper pressures. One station did not lock up in Wenatchee but it was repaired while were on site.

400. 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 7546 Kennewick
Result Notes Station R-119 at Plymouth did not lock up for us during our field inspection. The Mooney regulator was disassembled along with the pilot multiple times and lockup was obtained. .

401. 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 7545 Mount Vernon
Result Notes Observed regulator stroke and lockup during field inspection, along with relief valve set point observation.

402. 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 7541 Bremerton

403. Question Result, ID, References NA, 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 7541 Bremerton
Result Notes No such activity/condition was observed during the inspection.

404. Question Result, ID, References NA, 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 7545 Mount Vernon
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.

405. Question Result, ID, References NA, 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 7544 Wenatchee

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

406. 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 7543 Moses Lake
Result Notes Only one system has a dual feed into the distribution system and it has telemetry installed.
407. Question Result, ID, References NA, 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 7542 Sunnyside
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
408. Question Result, ID, References NA, 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 7546 Kennewick
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
409. Question Result, ID, References Sat, MO.GMOPP.MULTIPRESSREG.O,
Question Text *Are regulator stations installed in a manner to provide protection between regulator stages?*
Assets Covered 7546 Kennewick
410. 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 7545 Mount Vernon
Result Notes No such activity/condition was observed during the inspection.
411. Question Result, ID, References Sat, MO.GMOPP.MULTIPRESSREG.O,
Question Text *Are regulator stations installed in a manner to provide protection between regulator stages?*
Assets Covered 7541 Bremerton
412. Question Result, ID, References Sat, MO.GMOPP.MULTIPRESSREG.O,
Question Text *Are regulator stations installed in a manner to provide protection between regulator stages?*
Assets Covered 7542 Sunnyside
413. Question Result, ID, References Sat, MO.GMOPP.MULTIPRESSREG.O,
Question Text *Are regulator stations installed in a manner to provide protection between regulator stages?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake
414. Question Result, ID, References Sat, MO.GM.DISTVALVEINSPECT.O, 192.747(a) (192.747(b))
Question Text *Is proper inspection and partial operation being performed for each distribution system valve that might be required in an emergency, and prompt remedial action to correct any valves found inoperable?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake
Result Notes All valves tested in the field were operational and accessible.
415. Question Result, ID, References Sat, MO.GM.DISTVALVEINSPECT.O, 192.747(a) (192.747(b))
Question Text *Is proper inspection and partial operation being performed for each distribution system valve that might be required in an emergency, and prompt remedial action to correct any valves found inoperable?*
Assets Covered 7546 Kennewick
416. Question Result, ID, References Sat, MO.GM.DISTVALVEINSPECT.O, 192.747(a) (192.747(b))

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

Assets Covered 7542 Sunnyside

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

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

Assets Covered 7545 Mount Vernon

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

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

Assets Covered 7541 Bremerton

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

Question Text *Are vault inspections adequate?*

Assets Covered 7545 Mount Vernon

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

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

Question Text *Are vault inspections adequate?*

Assets Covered 7541 Bremerton

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

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

Question Text *Are vault inspections adequate?*

Assets Covered 7546 Kennewick, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside

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

422. 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 7545 Mount Vernon

Result Notes Observed during random crew inspections.

423. Question Result, ID, References NA, AR.RMP.IGNITION.O, 192.751(a) (192.751(b), 192.751(c))

Question Text *Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.*

Assets Covered 7544 Wenatchee, 7543 Moses Lake

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

424. 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 7541 Bremerton

Result Notes Pre-field inspections were conducted on construction crews.

425. Question Result, ID, References NA, AR.RMP.IGNITION.O, 192.751(a) (192.751(b), 192.751(c))

Question Text *Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.*

Assets Covered 7542 Sunnyside

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

426. Question Result, ID, References **NA, AR.RMP.IGNITION.O, 192.751(a) (192.751(b), 192.751(c))**
 Question Text *Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.*
 Assets Covered **7546 Kennewick**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
427. Question Result, ID, References **Sat, AR.PTI.PLASTICPRESSURETEST.O,**
 Question Text *Is plastic pipe installed and backfilled prior to pressure testing?*
 Assets Covered **7546 Kennewick**
428. Question Result, ID, References **Sat, AR.PTI.PLASTICPRESSURETEST.O,**
 Question Text *Is plastic pipe installed and backfilled prior to pressure testing?*
 Assets Covered **7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake**
 Result Notes **All field inspections where PE pipe was installed and pressure tests observed indicated that pipe was tested after backfill.**
429. Question Result, ID, References **Sat, AR.PTI.PLASTICPRESSURETEST.O,**
 Question Text *Is plastic pipe installed and backfilled prior to pressure testing?*
 Assets Covered **7542 Sunnyside**
430. Question Result, ID, References **Sat, AR.PTI.PLASTICPRESSURETEST.O,**
 Question Text *Is plastic pipe installed and backfilled prior to pressure testing?*
 Assets Covered **7541 Bremerton**
431. Question Result, ID, References **Sat, AR.PTI.EQUIPCALIB.O,**
 Question Text *Is pressure testing equipment calibrated according to calibration schedules and procedures?*
 Assets Covered **7542 Sunnyside**
432. Question Result, ID, References **Sat, AR.PTI.EQUIPCALIB.O,**
 Question Text *Is pressure testing equipment calibrated according to calibration schedules and procedures?*
 Assets Covered **7546 Kennewick**
 Result Notes **All gauges used at Regulator stations during our field inspection were calibrated.**
433. Question Result, ID, References **Sat, AR.PTI.EQUIPCALIB.O,**
 Question Text *Is pressure testing equipment calibrated according to calibration schedules and procedures?*
 Assets Covered **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **All gauges used during field inspections were calibrated and tagged.**
434. Question Result, ID, References **Sat, AR.PTI.EQUIPCALIB.O,**
 Question Text *Is pressure testing equipment calibrated according to calibration schedules and procedures?*
 Assets Covered **7545 Mount Vernon**
 Result Notes **Gauges were tagged with calibration dates.**
435. Question Result, ID, References **Sat, AR.PTI.EQUIPCALIB.O,**
 Question Text *Is pressure testing equipment calibrated according to calibration schedules and procedures?*
 Assets Covered **7541 Bremerton**
436. 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 **7542 Sunnyside**

437. 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 **7541 Bremerton**
438. 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 **7545 Mount Vernon**
439. 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 **7546 Kennewick**
440. 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 **7544 Wenatchee, 7543 Moses Lake**
441. Question Result, ID, References **NA, DC.CO.PLASTICWEAKLINK.O,**
 Question Text *Is a weak link installed when pulling plastic pipe by mechanical means?*
 Assets Covered **7546 Kennewick**
 Result Notes **No such activity/condition was observed during the inspection.**
442. Question Result, ID, References **NA, DC.CO.PLASTICWEAKLINK.O,**
 Question Text *Is a weak link installed when pulling plastic pipe by mechanical means?*
 Assets Covered **7545 Mount Vernon**
 Result Notes **No such activity/condition was observed during the inspection.**
443. Question Result, ID, References **NA, DC.CO.PLASTICWEAKLINK.O,**
 Question Text *Is a weak link installed when pulling plastic pipe by mechanical means?*
 Assets Covered **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **No such activity/condition was observed during the inspection.**
444. Question Result, ID, References **NA, DC.CO.PLASTICWEAKLINK.O,**
 Question Text *Is a weak link installed when pulling plastic pipe by mechanical means?*
 Assets Covered **7542 Sunnyside**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
445. Question Result, ID, References **NA, DC.CO.PLASTICWEAKLINK.O,**
 Question Text *Is a weak link installed when pulling plastic pipe by mechanical means?*
 Assets Covered **7541 Bremerton**
 Result Notes **No such activity/condition was observed during the inspection.**
446. 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 **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **No such activity/condition was observed during the inspection.**
447. Question Result, ID, References **Sat, DC.CO.PLASTICPIPESEP.O,**

Question Text *Are plastic pipelines installed with the minimum separation from other utilities as required?*
Assets Covered 7541 Bremerton

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

Question Text *Are plastic pipelines installed with the minimum separation from other utilities as required?*
Assets Covered 7545 Mount Vernon

Result Notes Observed during random field facility and crew inspections.

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

Question Text *Are plastic pipelines installed with the minimum separation from other utilities as required?*
Assets Covered 7546 Kennewick

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

Question Text *Are plastic pipelines installed with the minimum separation from other utilities as required?*
Assets Covered 7542 Sunnyside

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

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

Assets Covered 7542 Sunnyside

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

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

Assets Covered 7546 Kennewick

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

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

Assets Covered 7545 Mount Vernon

Result Notes Sand was provided on jobs inspected.

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

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

Assets Covered 7541 Bremerton

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

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

Assets Covered 7544 Wenatchee, 7543 Moses Lake

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

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

Assets Covered 7541 Bremerton

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

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

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

Assets Covered 7546 Kennewick

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

458. Question Result, ID, References **NA, DC.CO.PLASTICSQUEEZING.O,**
 Question Text *Is the number of times plastic pipe can be squeezed and how far from fittings plastic pipe can be squeezed limited?*
 Assets Covered **7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake**
 Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**
459. Question Result, ID, References **NA, DC.CO.PLASTICSQUEEZING.O,**
 Question Text *Is the number of times plastic pipe can be squeezed and how far from fittings plastic pipe can be squeezed limited?*
 Assets Covered **7542 Sunnyside**
 Result Notes **No such activity/condition was observed during the inspection.**
460. 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 **7546 Kennewick**
461. 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 **7541 Bremerton**
462. 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 **7545 Mount Vernon**
463. 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 **7544 Wenatchee, 7543 Moses Lake**
464. 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 **7542 Sunnyside**

ATT1FR.FIELDPCS: Compressor Stations Inspection (Field)

465. Question Result, ID, References **Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)** (also presented in: **FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE**)
 Question Text *Are line markers placed and maintained as required?*
 Assets Covered **7544 Wenatchee, 7543 Moses Lake**
 Result Notes **All bridge crossings inspected had proper markers installed.**
466. Question Result, ID, References **Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)** (also presented in: **FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE**)
 Question Text *Are line markers placed and maintained as required?*
 Assets Covered **7546 Kennewick**
467. Question Result, ID, References **NA, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)** (also presented in: **FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE**)
 Question Text *Are line markers placed and maintained as required?*
 Assets Covered **7541 Bremerton**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

468. Question Result, ID, References **Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)** (also presented in: FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE)
- Question Text *Are line markers placed and maintained as required?*
- Assets Covered **7542 Sunnyside**
469. Question Result, ID, References **NA, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)** (also presented in: FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE)
- Question Text *Are line markers placed and maintained as required?*
- Assets Covered **7545 Mount Vernon**
- Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. Transmission only.**
470. Question Result, ID, References **Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)** (also presented in: FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE)
- Question Text *Are line markers placed and maintained as required for above ground pipelines?*
- Assets Covered **7541 Bremerton**
471. Question Result, ID, References **Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)** (also presented in: FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE)
- Question Text *Are line markers placed and maintained as required for above ground pipelines?*
- Assets Covered **7546 Kennewick**
472. Question Result, ID, References **Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)** (also presented in: FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE)
- Question Text *Are line markers placed and maintained as required for above ground pipelines?*
- Assets Covered **7544 Wenatchee, 7543 Moses Lake**
- Result Notes **Line markers are verified during leak surveys and are mapped on leak survey maps. All damaged or missing markers reviewed were replaced within 45 days as required.**
473. Question Result, ID, References **Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)** (also presented in: FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE)
- Question Text *Are line markers placed and maintained as required for above ground pipelines?*
- Assets Covered **7545 Mount Vernon**
474. Question Result, ID, References **Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)** (also presented in: FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE)
- Question Text *Are line markers placed and maintained as required for above ground pipelines?*
- Assets Covered **7542 Sunnyside**
475. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c))** (also presented in: FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE)
- Question Text *Is pipe that is exposed to atmospheric corrosion protected?*
- Assets Covered **7542 Sunnyside**
476. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c))** (also presented in: FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE)
- Question Text *Is pipe that is exposed to atmospheric corrosion protected?*
- Assets Covered **7541 Bremerton**
477. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c))** (also presented in: FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE)
- Question Text *Is pipe that is exposed to atmospheric corrosion protected?*
- Assets Covered **7544 Wenatchee, 7543 Moses Lake**
478. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c))** (also presented in: FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE)
- Question Text *Is pipe that is exposed to atmospheric corrosion protected?*
- Assets Covered **7546 Kennewick**

479. Question Result, ID, **Sat**, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c)) (also References presented in: FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE, FR.FIELDPIPE)
Question Text *Is pipe that is exposed to atmospheric corrosion protected?*
Assets Covered **7545 Mount Vernon**

GDIM.KN: Knowledge of the System

480. Question Result, ID, **NA**, GDIM.RA.GAPS.P, 192.1007(a)(3)
References
Question Text *Does the plan contain procedures to identify additional information that is needed to fill gaps due to missing, inaccurate, or incomplete records?*
Assets Covered **7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton**
Result Notes **No such requirement existed in the scope of inspection review. This will be completed during the DIMP inspection scheduled for Fall 2018.**
481. Question Result, ID, **NA**, GDIM.RA.INFONEEDS.P, 192.1007(a)(3)
References
Question Text *Do the procedures specify the means to collect the additional information needed to fill gaps due to missing, inaccurate, or incomplete records (e.g., O&M activities, field surveys, One-Call System, etc.)?*
Assets Covered **7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton**
Result Notes **No such requirement existed in the scope of inspection review. This will be completed during the DIMP inspection scheduled for Fall 2018.**
482. Question Result, ID, **NA**, GDIM.RA.INFONEEDS.R, 192.1007(a)(3)
References
Question Text *Does the plan list the additional information needed to fill gaps due to missing, inaccurate, or incomplete records?*
Assets Covered **7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton**
Result Notes **No such requirement existed in the scope of inspection review. This will be completed during the DIMP inspection scheduled for Fall 2018.**
483. Question Result, ID, **Sat**, GDIM.RA.NEWPIPEDATA.P, 192.1007(a)(5)
References
Question Text *Do the procedures require the capture and retention of data on any new pipeline installed?*
Assets Covered **7545 Mount Vernon**
484. Question Result, ID, **Sat**, GDIM.RA.NEWPIPEDATA.P, 192.1007(a)(5)
References
Question Text *Do the procedures require the capture and retention of data on any new pipeline installed?*
Assets Covered **7546 Kennewick, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton**
Result Notes **Required information on materials is included in new construction documentation.**
485. Question Result, ID, **Sat**, GDIM.RA.NEWPIPEDATA.R, 192.1007(a)(5)
References
Question Text *Does the data required for capture and retention include, at a minimum, the location where the new pipeline is installed and the material from which it is constructed?*
Assets Covered **7541 Bremerton**
Result Notes **Required data is captured and was included in records reviewed.**
486. Question Result, ID, **Sat**, GDIM.RA.NEWPIPEDATA.R, 192.1007(a)(5)
References
Question Text *Does the data required for capture and retention include, at a minimum, the location where the new pipeline is installed and the material from which it is constructed?*
Assets Covered **7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside**

GDIM.MF: Report Mechanical Fitting Failures

487. Question Result, ID, References **Sat, GDIM.RR.MECHANICALFITTING.P, 192.1009**
Question Text *Are there procedures to collect information necessary to comply with the reporting requirements of 192.1009?*
Assets Covered **7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton**
Result Notes **Report was included with CNG's annual report.**

GDIM.IMPL: GDIM Implementation

488. Question Result, ID, References **Sat, GDIM.PM.IMPLEMENTPMCOMPLETEIMPL.R, 192.1007(d)**
Question Text *Have any measures to reduce risks resulting in the elimination/mitigation of the associated identified threat been completed (e.g., pipe replacement program completed, etc.)?*
Assets Covered **7541 Bremerton**

489. Question Result, ID, References **NA, GDIM.PM.IMPLEMENTPMCOMPLETEIMPL.R, 192.1007(d)**
Question Text *Have any measures to reduce risks resulting in the elimination/mitigation of the associated identified threat been completed (e.g., pipe replacement program completed, etc.)?*
Assets Covered **7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

490. Question Result, ID, References **Sat, GDIM.PM.LEAKMANAGEMENTIMPL.R, 192.1007(d)**
Question Text *Can the operator provide documentation to demonstrate that an effective leak management program is being implemented (answer "N/A" if all leaks are repaired when found)?*
Assets Covered **7542 Sunnyside**
Result Notes **All leak records from late 2016 to the present were reviewed.**

491. Question Result, ID, References **Sat, GDIM.PM.LEAKMANAGEMENTIMPL.R, 192.1007(d)**
Question Text *Can the operator provide documentation to demonstrate that an effective leak management program is being implemented (answer "N/A" if all leaks are repaired when found)?*
Assets Covered **7546 Kennewick**
Result Notes **All leaks for 2016 through the date of this inspection in 2018 were reviewed.**

492. Question Result, ID, References **Sat, GDIM.PM.LEAKMANAGEMENTIMPL.R, 192.1007(d)**
Question Text *Can the operator provide documentation to demonstrate that an effective leak management program is being implemented (answer "N/A" if all leaks are repaired when found)?*
Assets Covered **7544 Wenatchee, 7543 Moses Lake**

493. Question Result, ID, References **Sat, GDIM.PM.LEAKMANAGEMENTIMPL.R, 192.1007(d)**
Question Text *Can the operator provide documentation to demonstrate that an effective leak management program is being implemented (answer "N/A" if all leaks are repaired when found)?*
Assets Covered **7545 Mount Vernon**

494. Question Result, ID, References **Sat, GDIM.PM.LEAKMANAGEMENTIMPL.R, 192.1007(d)**
Question Text *Can the operator provide documentation to demonstrate that an effective leak management program is being implemented (answer "N/A" if all leaks are repaired when found)?*
Assets Covered **7541 Bremerton**
Result Notes **Leak records for 2015 to 2018 were reviewed.**

495. Question Result, ID, References **NA, GDIM.QA.RECORDREQTSDIMPIMPL.R, 192.1011**
Question Text *Were DIMP procedures followed as applicable to records retention?*
Assets Covered **7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton**

Result Notes No such requirement existed in the scope of inspection review. This will be completed during the DIMP inspection scheduled for Fall 2018.

496. Question Result, ID, References Sat, GDIM.RA.DATAFORMIMPL.R, 192.1007(a)
Question Text *Are data collection forms used in conjunction with the operator's DIMP plan being fully and accurately completed?*
Assets Covered 7545 Mount Vernon
497. Question Result, ID, References Sat, GDIM.RA.DATAFORMIMPL.R, 192.1007(a)
Question Text *Are data collection forms used in conjunction with the operator's DIMP plan being fully and accurately completed?*
Assets Covered 7541 Bremerton
498. Question Result, ID, References Sat, GDIM.RA.DATAFORMIMPL.R, 192.1007(a)
Question Text *Are data collection forms used in conjunction with the operator's DIMP plan being fully and accurately completed?*
Assets Covered 7546 Kennewick, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside
499. Question Result, ID, References NA, GDIM.RA.GAPSIMPL.R, 192.1007(a)(3)
Question Text *Is missing or incomplete system information and data needed to fill knowledge gaps to assess existing and potential threats being collected?*
Assets Covered 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton
Result Notes No such requirement existed in the scope of inspection review.
500. Question Result, ID, References Sat, GDIM.RA.NEWPIPEIMPL.R, 192.1007(a)(5)
Question Text *Have required data on any new pipeline installations since August 2, 2011 been captured (e.g., location, wall thickness/SDR, manufacturer, lot/production number)?*
Assets Covered 7546 Kennewick
501. Question Result, ID, References Sat, GDIM.RA.NEWPIPEIMPL.R, 192.1007(a)(5)
Question Text *Have required data on any new pipeline installations since August 2, 2011 been captured (e.g., location, wall thickness/SDR, manufacturer, lot/production number)?*
Assets Covered 7542 Sunnyside
502. Question Result, ID, References Sat, GDIM.RA.NEWPIPEIMPL.R, 192.1007(a)(5)
Question Text *Have required data on any new pipeline installations since August 2, 2011 been captured (e.g., location, wall thickness/SDR, manufacturer, lot/production number)?*
Assets Covered 7541 Bremerton
503. Question Result, ID, References Sat, GDIM.RA.NEWPIPEIMPL.R, 192.1007(a)(5)
Question Text *Have required data on any new pipeline installations since August 2, 2011 been captured (e.g., location, wall thickness/SDR, manufacturer, lot/production number)?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake
504. Question Result, ID, References Sat, GDIM.RA.NEWPIPEIMPL.R, 192.1007(a)(5)
Question Text *Have required data on any new pipeline installations since August 2, 2011 been captured (e.g., location, wall thickness/SDR, manufacturer, lot/production number)?*
Assets Covered 7545 Mount Vernon
505. Question Result, ID, References NA, GDIM.RA.OMINFONEEDSIMPL.R, 192.1007(a)(3)
Question Text *Has any new or missing information identified or acquired during normal operations, maintenance, and inspection activities been incorporated into the DIMP plan?*

Assets Covered 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton

Result Notes No such requirement existed in the scope of inspection review. This will be completed during the DIMP inspection scheduled for Fall 2018.

506. Question Result, ID, References NA, GDIM.RA.SYSINFONEEDSIMPL.R, 192.1007(a)(3)

Question Text *Is missing or incomplete system information and data using the procedures prescribed in the DIMP plan being collected?*

Assets Covered 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton

Result Notes No such requirement existed in the scope of inspection review. This will be completed during the DIMP inspection scheduled for Fall 2018.

507. Question Result, ID, References Sat, GDIM.RR.MECHANICALFITTINGRPTIMPL.R, 192.1009 (191.12)

Question Text *Did the operator report all mechanical fitting failures that resulted in a hazardous leak for the previous calendar year to PHMSA and State authorities, as appropriate, by March 15th of the next calendar year, and did the reports contain the information required by Department of Transportation Form PHMSA F-7100.1-2?*

Assets Covered 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton

508. Question Result, ID, References Sat, GDIM.RR.MECHANICALFITTINGDATAIMPL.R, 192.1009 (191.12) (also presented in: PRR.REPORT, PRR.REPORT)

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

Assets Covered 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside

Result Notes Only one in Bellingham in 2016. None in other districts for 2016 - 2018.

509. Question Result, ID, References Sat, GDIM.RR.MECHANICALFITTINGDATAIMPL.R, 192.1009 (191.12) (also presented in: PRR.REPORT, PRR.REPORT)

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

Assets Covered 7541 Bremerton

510. 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 7541 Bremerton

511. 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 7544 Wenatchee, 7543 Moses Lake

512. 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 7545 Mount Vernon

513. 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 7546 Kennewick

514. 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 7542 Sunnyside

MISCTOPICS.PROT9: OQ Field Inspection

515. 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 **7542 Sunnyside**
 Result Notes **Employee qualifications were reviewed for those performing covered tasks.**
516. 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 **7546 Kennewick**
517. 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 **7545 Mount Vernon**
 Result Notes **Regulator station testing.**

Relief valve testing,

Emergency valve operation.

Cathodic protection reads.

Rectifier testing.
518. 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 **7544 Wenatchee, 7543 Moses Lake**
519. 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 **7541 Bremerton**
520. 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 **7546 Kennewick**
521. 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 **7542 Sunnyside**
522. 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 **7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake**
523. 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 7541 Bremerton

524. 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 7545 Mount Vernon

525. 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 7546 Kennewick

526. 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 7541 Bremerton

527. 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 7542 Sunnyside

528. 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 7544 Wenatchee, 7543 Moses Lake

529. 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 7541 Bremerton

530. 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 7542 Sunnyside

531. 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 7544 Wenatchee, 7543 Moses Lake

532. 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 7546 Kennewick

533. 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 7545 Mount Vernon

MISCTOPICS.PUBAWARE: Public Awareness Program Effectiveness

534. Question Result, ID, References Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03) (also presented in: PRR.OM, PRR.OM, PRR.OM, PRR.OM, PRR.OM)
Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
Assets Covered 7541 Bremerton
Result Notes Reviewed a log of emergency response officials contacted with names, addresses and email/phone info. Emergency procedures are in CNG's emergency response plan and the PA plan deals with integrating emergency officials into their process.

535. Question Result, ID, References Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03) (also presented in: PRR.OM, PRR.OM, PRR.OM, PRR.OM, PRR.OM)
Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
Assets Covered 7545 Mount Vernon
Result Notes Reviewed a spreadsheet of contact made with local public officials.

536. Question Result, ID, References Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03) (also presented in: PRR.OM, PRR.OM, PRR.OM, PRR.OM, PRR.OM)
Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
Assets Covered 7542 Sunnyside
Result Notes Reviewed records which showed various entities and contact dates.

537. Question Result, ID, References Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03) (also presented in: PRR.OM, PRR.OM, PRR.OM, PRR.OM, PRR.OM)
Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
Assets Covered 7546 Kennewick
Result Notes Reviewed CNG's Emergency Response newsletter.

CNG's Form 1001 that documents emergency responder contacts and discussion topics.

538. Question Result, ID, References Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03) (also presented in: PRR.OM, PRR.OM, PRR.OM, PRR.OM, PRR.OM)
Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*
Assets Covered 7544 Wenatchee, 7543 Moses Lake

539. Question Result, ID, References Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4) (also presented in: PRR.OM)
Question Text *Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?*
Assets Covered 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton
Result Notes Program effectiveness was done in 2014 and is currently being done now scheduled for a June completion date.

540. Question Result, ID, References Sat, PD.PA.LANGUAGE.R, 192.616(g) (API RP 1162 Section 2.3.1) (also presented in: PRR.OM)

Question Text *Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?*

Assets Covered 7546 Kennewick, 7545 Mount Vernon, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside, 7541 Bremerton

Result Notes Just completed a study indicating that Spanish is the main secondary language. Reviewed notifications that were written in Spanish. On CNG's website they utilize 5 different languages.

Report Parameters: Results: all

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.