

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 26 - 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

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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	36		28.6%

#	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	666	88.1%
2. Mount Vernon	--	05/07/2018 05/11/2018	n/a	all planned questions	all assets	all types	756	756	666	88.1%
3. Wenatchee	--	08/06/2018 08/10/2018	n/a	all planned questions	all assets	all types	756	756	666	88.1%
4. Moses lake	--	08/13/2018 08/17/2018	n/a	all planned questions	all assets	all types	756	756	666	88.1%
5. Sunnyside	--	09/17/2018 09/21/2018	n/a	all planned questions	all assets	all types	756	756	666	88.1%
6. Kennewick	--	10/15/2018 10/19/2018	n/a	all planned questions	all assets	all types	756	756	666	88.1%

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

Results (Unsat,Concern,NA values, 85 results)

87 (instead of 85) 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 **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.**
3. 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.**
4. 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.
5. 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.**
6. 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.**
7. 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.

PRR.CORROSION: Corrosion Control

8. Question Result, ID, References **NA, 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 7541 Bremerton

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

9. 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.

10. 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.

11. 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.

12. 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.

13. 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.

14. 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.

15. 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.

16. 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.**
17. 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.**
18. 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.**
19. 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

PRR.PT: Pressure Test

20. 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.**
21. 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.**

PRR.UPRATE: Uprating

22. 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.**
23. 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.

24. 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.

25. 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.

26. 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.

27. 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.

28. Question Result, ID, References NA, MO.GOUPRATE.MAOPINCREASEPREP.R, 192.553(b) (192.553(c), 192.553(a), 192.557(b), 192.557(c))

Question Text *Do records indicate that increases in MAOP were preceded by the actions specified in 192.557?*

Assets Covered 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.

29. Question Result, ID, References NA, MO.GOUPRATE.MAOPINCREASEPREP.R, 192.553(b) (192.553(c), 192.553(a), 192.557(b), 192.557(c))

Question Text *Do records indicate that increases in MAOP were preceded by the actions specified in 192.557?*

Assets Covered 7541 Bremerton

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

30. Question Result, ID, References NA, MO.GOUPRATE.MAOPINCREASEPREP.R, 192.553(b) (192.553(c), 192.553(a), 192.557(b), 192.557(c))

Question Text *Do records indicate that increases in MAOP were preceded by the actions specified in 192.557?*

Assets Covered 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.

PRR.OM: Operations And Maintenance

31. 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.

32. 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.

33. 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.

34. 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.

35. 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.

36. 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.

37. 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

38. 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.

39. 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.

40. 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.
41. 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.
42. 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.
43. 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.
44. 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.
45. 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.
46. 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)

47. 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.FIELDPCS, ATT1FR.FIELDPCS)
- 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.
48. 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.FIELDPCS, ATT1FR.FIELDPCS)
- 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.

49. 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.**
50. 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.**
51. 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.**
52. 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.**
53. 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.**
54. 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.**
55. 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.**
56. 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.**
57. 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.**

58. 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.**
59. Question Result, ID, References **NA, MO.GO.PURGE.O, 192.629(a) (192.629(b))**
 Question Text *Are lines being purged in accordance with 192.629?*
 Assets Covered **7546 Kennewick, 7544 Wenatchee, 7543 Moses Lake, 7542 Sunnyside**
 Result Notes **No such activity/condition was observed during the inspection.**
60. 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.**
61. 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.**
62. 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.**
63. 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.**
64. 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.**
65. 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.**
66. 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.**
67. 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.**

68. 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.**
69. 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.**
70. 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.**
71. 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.**
72. 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.**
73. 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.**
74. 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.**
75. 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.**
76. 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.**
77. 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.

ATT1FR.FIELDCS: Compressor Stations Inspection (Field)

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

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

GDIM.KN: Knowledge of the System

80. 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.

81. 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.

82. 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.

GDIM.IMPL: GDIM Implementation

83. Question Result, ID, NA, GDIM.PM.IMPLEMENTPMCOMPLETEIMPL.R, 192.1007(d)
References

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.

84. Question Result, ID, NA, GDIM.QA.RECORDREQTSDIMPIMPL.R, 192.1011
References

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.

85. 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.

86. 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.

87. 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.

Report Parameters: Results: Unsat,Concern,NA

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