

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	12/30/2018
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.

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:

Sarah Volk

sarah.volk@cngc.com

360-405-4231

Vicki Gannow

Vicki.Ganow@cngc.com

Chris Grissom

Christopher.Grissom@cngc.com

Office 509-734-4535

Cell: 509-531-6427

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 Iron Copper Pipe Aluminum pipe Abandoned	126	126	19	19	15.1%
2.	7545 Mount Vernon	7545 Mount Vernon	other	7545 Mount Vernon	Storage Fields Bottle/Pipe - Holders Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum pipe Abandoned Compressor Stations	126	126	18	18	14.3%
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	18	18	14.3%

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
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	18	18	14.3%
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	18	18	14.3%
6.	7541 Bremerton	7541 Bremerton	other	7541 Bremerton	Compressor Stations Storage Fields Bottle/Pipe - Holders Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum pipe Abandoned	126	126	125	125	99.2%

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,	P, R, O, S	Detail	

# Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
		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.GOCCLASS.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.RECORDREQTSDIMPIIMPL.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.EXCSFLOWVLVLOCATE.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, 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	216 28.6%
2. Mount Vernon	--	05/07/2018 05/11/2018	n/a	all planned questions	all assets	all types	756	756	216 28.6%
3. Wenatchee	--	04/09/2018 12/30/2018	n/a	all planned questions	all assets	all types	756	756	216 28.6%
4. Moses lake	--	04/09/2018 12/30/2018	n/a	all planned questions	all assets	all types	756	756	216 28.6%

Activity # Name	SMART Act#	Start Date End Date	Focus Directives	Involved Groups/Subgroups	Qst Assets	Type(s) Planned	Required	Inspected	Total	Required % Complete
5. Sunnyside	--	04/09/2018 12/30/2018	n/a	all planned questions	all assets	all types	756	756	216	28.6%
6. Kennewick	--	04/09/2018 12/30/2018	n/a	all planned questions	all assets	all types	756	756	216	28.6%

- 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

Results (all values, 126 results)

133 (instead of 126) results are listed due to re-presentation of questions in more than one sub-group.

PRR.REPORT: Reporting

- 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
- Question Result, ID, References: **Sat, GDIM.RR.MECHANICALFITTINGDATAIMPL.R, 192.1009 (191.12)** (also presented in: GDIM.IMPL)

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

Assets Covered: **7541 Bremerton**
- 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**
- 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.**
- 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.**
- 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.

7. Question Result, ID, References Sat, MO.GO.CUSTNOTIFY.R, 192.16(d) (192.16(a), 192.16(b), 192.16(c))

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

Assets Covered 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.

8. Question Result, ID, References NA, RPT.RR.MAOPINCREASENOTIFY.R,

Question Text *Do records indicate submittal of a written plan of procedures to the commission at least forty-five days before uprating to a MAOP greater than 60 psig?*

Assets Covered 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.

9. Question Result, ID, References Sat, RPT.RR.DAILYCONSTRUCTIONRPT.R,

Question Text *Do records indicate daily construction and repair activities were emailed to the commission no later than 10 AM each day work is scheduled?*

Assets Covered 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

10. Question Result, ID, References Sat, TQ.QU.CORROSION.R, 192.453 (192.807(a), 192.807(b))

Question Text *Do records indicate qualification of personnel implementing pipeline corrosion control methods?*

Assets Covered 7541 Bremerton

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

11. Question Result, ID, References Sat, TD.CP.ELECISOLATE.R, 192.491(c) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))

Question Text *Do records adequately document electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?*

Assets Covered 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.

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

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

Assets Covered 7541 Bremerton

Result Notes Records and or maps were adequate.

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

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

Assets Covered 7541 Bremerton

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

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

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

Assets Covered 7541 Bremerton

Result Notes Rectifier survey records were reviewed from 2/2016 to present. No concerns noted.

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

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

Assets Covered 7541 Bremerton

Result Notes All tests were performed at the required intervals. CNG has no short sections of steel or isolated steel services.

16. 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

17. 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.

18. Question Result, ID, References Sat, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))

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

Assets Covered 7541 Bremerton

Result Notes Reviewed Integrity Management Dig Reports.

19. 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.

20. 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

21. 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.

22. Question Result, ID, References **Sat, FS.FG.CASINGTESTLEAD.R,**
 Question Text *Do records indicate that all casings without vents installed after September 5, 1992 had separate test lead wires installed?*
 Assets Covered **7541 Bremerton**
 Result Notes **Records indicate that CNG has no casings without electrical contact points.**
23. 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.**
24. 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.
25. 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.**
26. 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.**
27. 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.
28. 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

29. 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.

30. 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.

31. 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.

32. 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)

PRR.UPRATE: Uprating

33. 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.

34. 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.

35. 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.

PRR.OM: Operations And Maintenance

36. Question Result, ID, References Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03) (also presented in: MISCTOPICS.PUBAWARE)

Question Text *Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?*

Assets Covered 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.
37. 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.
38. 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.
39. 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.
40. 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.
41. 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.
42. 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.
43. 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

44. 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.
45. 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.
46. 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
47. 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.
48. 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.
49. 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.
50. 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.
51. 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.
52. 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.
53. 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.
54. 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.
55. 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.
56. 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.
57. 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)
58. 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.
59. 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.
60. 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.
61. 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.
62. 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.
63. 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 7541 Bremerton
- Result Notes CNG uses the manufacturers procedures for joining polyethylene.
64. 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
65. 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
66. 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.
67. 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.
68. 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.

69. 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.
70. 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
71. 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
72. 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 7541 Bremerton
Result Notes No such requirement existed in the scope of inspection review. Transmission question.

FR.FIELDPIPE: Pipeline Inspection (Field)

73. 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.
74. 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
75. 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
76. 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
77. 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)
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.
78. Question Result, ID, References Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20) (also presented in: ATT1FR.FIELDPCS)
Question Text *Are line markers placed and maintained as required for above ground pipelines?*
Assets Covered 7541 Bremerton

79. Question Result, ID, References **Sat, DC.METERREGSVC.EXCSFLOWLVLOCATE.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.**
80. 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**
81. 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.**
82. 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.**
83. 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**
84. 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**
85. 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**
86. 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**
87. 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.**
88. 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.**

89. 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: ATT1FR.FIELDCS)
 Question Text *Is pipe that is exposed to atmospheric corrosion protected?*
 Assets Covered [7541 Bremerton](#)
90. Question Result, ID, [Sat, AR.COM.REMEDIATIONOM.O, 192.487\(a\) \(192.487\(b\)\)](#)
 References
 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.](#)
91. Question Result, ID, [Sat, MO.GOODOR.ODORIZE.O, 192.625\(a\) \(192.625\(c\), 192.625\(d\), 192.625\(e\), 192.625\(f\)\)](#)
 References
 Question Text *Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?*
 Assets Covered [7541 Bremerton](#)
92. Question Result, ID, [NA, MO.GO.PURGE.O, 192.629\(a\) \(192.629\(b\)\)](#)
 References
 Question Text *Are lines being purged in accordance with 192.629?*
 Assets Covered [7541 Bremerton](#)
 Result Notes [No such activity/condition was observed during the inspection.](#)
93. Question Result, ID, [Sat, MO.GMOPP.PRESSREGTEST.O, 192.739\(a\) \(192.739\(b\)\)](#)
 References
 Question Text *Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?*
 Assets Covered [7541 Bremerton](#)
94. Question Result, ID, [NA, MO.GMOPP.PRESSREGMETER.O, 192.741\(a\) \(192.741\(b\), 192.741\(c\)\)](#)
 References
 Question Text *Are telemetering or recording gauges properly utilized as required for distribution systems?*
 Assets Covered [7541 Bremerton](#)
 Result Notes [No such activity/condition was observed during the inspection.](#)
95. Question Result, ID, [Sat, MO.GMOPP.MULTIPRESSREG.O,](#)
 References
 Question Text *Are regulator stations installed in a manner to provide protection between regulator stages?*
 Assets Covered [7541 Bremerton](#)
96. Question Result, ID, [Sat, MO.GM.DISTVALVEINSPECT.O, 192.747\(a\) \(192.747\(b\)\)](#)
 References
 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](#)
97. Question Result, ID, [NA, MO.GM.VAULTINSPECT.O, 192.749\(a\) \(192.749\(b\), 192.749\(c\), 192.749\(d\)\)](#)
 References
 Question Text *Are vault inspections adequate?*
 Assets Covered [7541 Bremerton](#)
 Result Notes [No such relevant facilities/equipment existed in the scope of inspection review.](#)
98. Question Result, ID, [Sat, AR.RMP.IGNITION.O, 192.751\(a\) \(192.751\(b\), 192.751\(c\)\)](#)
 References
 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.](#)
99. Question Result, ID, [Sat, AR.PTI.PLASTICPRESSURETEST.O,](#)
 References

Question Text *Is plastic pipe installed and backfilled prior to pressure testing?*
Assets Covered 7541 Bremerton

100. 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

101. 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

102. 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.

103. 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

104. 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

105. 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.

106. 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

ATT1FR.FIELDPCS: Compressor Stations Inspection (Field)

107. 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)

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.

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

Question Text *Are line markers placed and maintained as required for above ground pipelines?*
Assets Covered 7541 Bremerton

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

Question Text *Is pipe that is exposed to atmospheric corrosion protected?*
Assets Covered 7541 Bremerton

GDIM.KN: Knowledge of the System

110. Question Result, ID, References **NA, GDIM.RA.GAPS.P, 192.1007(a)(3)**
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.**
111. Question Result, ID, References **NA, GDIM.RA.INFONEEDS.P, 192.1007(a)(3)**
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.**
112. Question Result, ID, References **NA, GDIM.RA.INFONEEDS.R, 192.1007(a)(3)**
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.**
113. Question Result, ID, References **Sat, GDIM.RA.NEWPIPEDATA.P, 192.1007(a)(5)**
Question Text *Do the procedures require the capture and retention of data on any new pipeline installed?*
Assets Covered **7541 Bremerton**
Result Notes **Required information on materials is included in new construction documentation.**
114. Question Result, ID, References **Sat, GDIM.RA.NEWPIPEDATA.R, 192.1007(a)(5)**
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.**

GDIM.MF: Report Mechanical Fitting Failures

115. 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

116. 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**
117. 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.

118. 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

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

119. 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

120. 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.

121. 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

122. 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.

123. 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.

124. 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

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

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

Assets Covered 7541 Bremerton

126. 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**

MISCTOPICS.PROT9: OQ Field Inspection

127. 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**

128. 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**

129. 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**

130. 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**

MISCTOPICS.PUBAWARE: Public Awareness Program Effectiveness

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

132. 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.**

133. 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.**

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.