

**Form A- Annual Review 8260**

UTC Standard Annual Review Inspection Report  
 Intrastate Operators  
 FORM A: Annual Review

Print Inspection Record PHMSA Pipeline Regulations PHMSA Advisory Bulletins Print Blank Form

**Inspector and Operator Information**

<b>Inspection ID</b> 8260	<b>Inspection Link</b> 8260	<b>Inspector - Lead</b> Scott Rukke	<b>Inspector - Assist</b>
<b>Operator</b> Cascade Natural Gas Corporation	<b>Unit</b> CNG - Headquarters	<b>Records Location - City &amp; State</b> Kennewick WA	
<b>Inspection Start Date</b> 10-12-2021	<b>Inspection Exit Interview Date</b> 10-12-2021	<b>Engineer Submit Date</b>	

**Inspection Summary**

You must include the following in your inspection summary:

- \*Inspection Scope and Summary
- \*Facilities visited and Total AFOD
- \* Summary of Significant Findings
- \* Primary Operator contacts and/or participants

\*Inspection Scope and Summary

This is an Annual Review of CNGC's programmatic changes and required document submittals.

\*Facilities visited and Total AFOD

This inspection was conducted in CNGC's Kennewick WA headquarters.

10/7/2021 - Records reviewed electronically that would normally have been reviewed with the operator in their office. 1 AFOD

10/8/2021 - Records reviewed electronically that would normally have been reviewed with the operator in their office. 1 AFOD

10/11/2021 - Drive time and records review. 1 AFOD

10/12/2021 - in office records review. 1 AFOD

10/13/2021 - drive time and documentation. 1 AFOD

\* Summary of Significant Findings

No issues noted.

\* Primary Operator contacts and/or participants

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**Instructions and Ratings Definitions**

**INSPECTION RESULTS: Annual Review**

Satisfactory Responses	Satisfactory List	Number of Unanswered Questions	Unanswered List
29	1,3,4,5,6,7,9,10,12,13,14,15,16,17,18,22,23,24,25,26,27,28,29,30,31,32,35,37,	0	
Unsatisfactory Responses	Unsatisfactory List		
0			
Area of Concern Responses	Area of Concern List		
0			
Not Applicable Responses	Not Applicable List		
11	8,19,20,21,38,39,40,41,42,43,44		
Yes Responses	Yes List	No Responses	No List
2	34,36,	0	
Not Checked / Evaluated Responses	Not Checked / Evaluated List		
0			

\*\*If an item is marked Unsat, AOC, N/A, or N/C, an explanation must be included in the "Notes" block for that question and also summarized in the " SUMMARY OF REQUIRED COMMENTS" section at the end of this inspection form.

**Crew Inspection History**

Click Link for Full List of Crew Inspections

Determination crew inspection Date	Inspector	Unit	Type of Work	Foreman Name	Contractor Name	Comments / Observations for Operator
10-08-2021	Anthony Dorrough	CNG - Longview - 7902	Main Replacement	Kai Fordham	Infrasource	Staff observed crew in the process of fabricating new 12-inch ST gas main to install and replace an existing 12-inch STW main as part of phase II of ongoing validation project. Staff observed welds and verified weld procedure. On site were: Coordinator/Inspector/Ian Wald; Foreman/Kai Fordham; Welder/Mike Wilson; Fitter/Bob Flanary; Fitter/Dillinger Holmes and Helper/Cody Kline.

Determination crew inspection Date	Inspector	Unit	Type of Work	Foreman Name	Contractor Name	Comments / Observations for Operator
10-06-2021	Anthony Dorrough	CNG - Aberdeen - 7898	Cut & Cap	Steve Bacque	Michels	Staff observed crew in the process of cut and capping an existing 3/4-inch STW gas service (1972) coming off of an existing 6-inch STW main (date ???). On site were: Foreman/Operator/Steve Bacque; Fuser/ Joe Kroll and Laborer/Marcus Dawley. Calibration audit: Test Gauge #MICH50997 due 11/23/21 Pyrometer #MC60278 2/8/22 Gas Scope #MC61042 10/21/21 Multimeter #MICH43877 11/25/21 Halfcell #MC47358 2/10/22 PE found on truck: 1-inch 3/20/21 & 11/19/2020 SPECIAL NOTE: Inaccurate locate marks, staff found marks in the street that stated 2-inch main that was actually 6-inch main.
10-06-2021	Anthony Dorrough	CNG - Aberdeen - 7898	Main Replacement	Doug Ihlen	Michels	Staff observed numerous crews in the process of replacing 4-inch & 2-inch, bare and STW existing gas main installed from between (1930-1955) and (1965-1974). On site were: Foreman/Operator/Doug Ihlen; Fuser/Nate Fisher; Fuser/Trenton Neuendorf; Operator/Tom Trainer; Operator/Chad Leonard; Laborer/Donald Ingram; Laborer/Cody Roller and Jim Snyder/Snyder Const. Calibration audit: Pyrometer #MICH60268 1/25/22 Gas Scope #MC47300 10/21/21 Multimeter #MICH43839 11/24/21 Halfcell #MC43665 2/10/22 Test Gauge #MICH48213 5/24/22 Torque Wrench #MC43510 11/20/21 PE found on truck: 1-inch 11/19/2020 & 3/21/21
10-06-2021	David Cullom	CNG - Bellingham District - 7899	Other	Andy Jackson	Michels	
09-29-2021	Anthony Dorrough	CNG - Bremerton - 7900	New Service	Josh Block		Staff observed crew in the process of exposing an existing 2-inch STW gas main (1964) prepping for installation of [2] stopples so they could cut-out a section of damaged pipe discovered by another crew when the service and riser were installed. The crew will also install MSA on new riser. On site were: Foreman/Josh Block; Operator/Andrew Stone and Utility/Darren Luke.
09-29-2021	Anthony Dorrough	CNG - Bremerton - 7900	New Service	Keith Pearson	Michels	Staff observed crew in the process of installing new HP Farm Tap and 1-inch PE gas service and nitrogen pressure test, tying into an 8-inch STW HP main (1977). Crew used pre-tested regulator set-up (see photo of pressure record) Also on site were: Foreman/Operator/Keith Pearson; CNGC Welder/Dan Morse; CNGC Welder/Roberto Becerra on tapping duty; CNGC Fitter/Zack Gagnon and Fuser/Justin Lairson. Calibration audit: Pyrometer #MCH-41915 due 7/13/22 Multimeter #MCH-45587 1/23/22 Halfcell #C5837 1/23/22 CGI #MC60327 10/27/21 PE found on truck: 1-inch 11/18/2020
09-20-2021	Scott Anderson	CNG - Bremerton - 7900	New Service	Steve Bacque	Michels	
09-20-2021	Scott Anderson	CNG - Bremerton - 7900	New Service		Michels	
09-16-2021	Dennis Ritter	CNG - Yakima - 7909	Main Install		Brothers	No issues noted
09-15-2021	Dennis Ritter	CNG - Mount Vernon - 7904	Other	Mathew Snyder	Infrasource	No issues noted
09-15-2021	Scott Anderson	CNG - Bellingham District - 7899	Relocate/Abandon			
09-15-2021	Scott Anderson	CNG - Bellingham District - 7899	Relocate/Abandon			
09-15-2021	Scott Anderson	CNG - Bellingham District - 7899	New Service	Tony Farruggia		
09-13-2021	Scott Anderson	CNG - Yakima - 7909	Main Install		Brothers	
09-13-2021	Scott Anderson	CNG - Yakima - 7909	New Service		Michels	
09-13-2021	Derek Norwood	CNG - Longview - 7902	Main Extension	Zack Gagnon	Michels	
09-10-2021	David Cullom	CNG - Longview - 7902	Main Extension	Kai Fordham	Infrasource	
09-08-2021	Anthony Dorrough	CNG - Mount Vernon - 7904	Main Repair	Tyler Pearcy		
09-08-2021	Anthony Dorrough	CNG - Mount Vernon - 7904	Main Replacement	Eric Rex		Staff observed crew in the process of replacing a section of 8-inch Steel HP gas main (1957) with a new section of 8-inch Steel HP main and a section of 2-inch Steel HP to an existing regulator station nearby. This was part of a larger 8-inch Steel HP main replacement project in the area. On site was CNGC Construction Supervisor/Eric Rex only, other crew were located at a different site with the same project.
09-08-2021	Anthony Dorrough	CNG - Mount Vernon - 7904	Main Replacement	Lupe Mejia	Infrasource	Staff observed crew in the process of installing a new 8-inch Steel HP gas main tying into an existing 8-inch Steel HP main located at a regulator station (R-17 District Line Rd.). Also on site were: Foreman/Lupe Mejia; Operator/Don Macomber; Laborer/Robert McCloud; Laborer/Fred Samford; Laborer/Ron Robertson and Superintendent Gas Pipeline and Facilities/Jeff Elliott.

Determination crew inspection Date	Inspector	Unit	Type of Work	Foreman Name	Contractor Name	Comments / Observations for Operator
09-02-2021	Anthony Dorrough	CNG - Bellingham District - 7899	New Service	Jeff Cutright		Staff observed that the work had already been completed.
09-02-2021	Anthony Dorrough	CNG - Bellingham District - 7899	New Service	Paul Martinez	Michels	Staff observed crew in the process of installing new 2-inch PE service, tying into an existing 2-inch PE HD gas main(2001). Also on site were CNGC Foreman/Tony Farruggia; Foreman/Paul Martinez; CNGC Operator Jack Kenoyer; CNGC Operator/Jeff Cutright and Fuser/Trent Neuendorf. Calibration audit: Gas Scope (Sensit) #MC49764 due 9/30/21 Gauge #MICH48226 1/21/22 Gauge #MICH47305 7/8/22 Multimeter #MICH45576 1/28/22 Halfcell - unavailable at time of audit Torque Wrench #MC52746 11/20/21 PE located on truck: 2-inch 8/27/2020; 2-inch 9/2/2020 and 1-inch 3/20/21
08-27-2021	Anthony Dorrough	CNG - Bremerton - 7900	New Service	Keith Pearson	Michels	Staff observed that the work had been completed.
08-27-2021	Anthony Dorrough	CNG - Bremerton - 7900	New Service	Keith Pearson	Michels	Staff observed that the work had not been started.
08-27-2021	Anthony Dorrough	CNG - Bremerton - 7900	New Service	Josh Block		
08-18-2021	Dennis Ritter	CNG - Bremerton - 7900	New Service		Michels	No issues noted
08-18-2021	Dennis Ritter	CNG - Bremerton - 7900	New Service	Steve Bacque	Michels	no issues noted for contractor
08-12-2021	Dennis Ritter	CNG - Kennewick - 7901	New Service			None
08-12-2021	Dennis Ritter	CNG - Kennewick - 7901	New Service			None
08-12-2021	Dennis Ritter	CNG - Kennewick - 7901	Main Extension	Jordan Esparza	Michels	No issues noted
08-12-2021	Dennis Ritter	CNG - Kennewick - 7901	New Service		Michels	No crew on site appears no work has occurred.
08-12-2021	Dennis Ritter	CNG - Kennewick - 7901	New Service		Michels	No issues noted
08-11-2021	Dennis Ritter	CNG - Kennewick - 7901	New Service			No crew on site and work has not started.
08-11-2021	Dennis Ritter	CNG - Kennewick - 7901	Main Install		Hanging H	No crew on site.
08-10-2021	Dennis Ritter	CNG - Walla Walla - 7907	New Service	Kristopher Margart		No issues noted
08-10-2021	Dennis Ritter	CNG - Walla Walla - 7907	New Service	Jordan Esparza	Michels	No issues noted
08-05-2021	Scott Anderson	CNG - Mount Vernon - 7904	Main Extension	Carl Chase	Hanging H	
08-05-2021	Scott Anderson	CNG - Mount Vernon - 7904	New Service		Michels	
07-28-2021	Dennis Ritter	CNG - Mount Vernon - 7904	Other	Kevin Morehead	Infrasource	No issues noted
07-28-2021	Dennis Ritter	CNG - Mount Vernon - 7904	Other			No issues noted
07-23-2021	Anthony Dorrough	CNG - Aberdeen - 7898	New Service		Michels	Staff observed that the work had already been completed.
07-23-2021	Anthony Dorrough	CNG - Aberdeen - 7898	New Service	Zack Gagnon	Michels	Staff observed crew preparing to complete installation of a new 1-inch PE service, tying into a 2-inch STW gas main. Operator/Steve Bacque was the only crew onsite. Foreman/Zack Gagnon; Welder/Dan Morse and Laborer/Marcus Dolly had not yet arrived onsite.
07-21-2021	Anthony Dorrough	CNG - Bremerton - 7900	Main Repair	Josh Block		Staff observed that crew was not onsite but work had been started with plated holes.
07-21-2021	Anthony Dorrough	CNG - Bremerton - 7900	Main Extension	Don Crow	Michels	Staff observed crew in the process of installing new 4-inch & 1-inch ST gas main, tying into existing 4-inch ST main and transitioning to 1-inch. While staff was onsite the crew had not yet exposed the existing main. Also on site were: Welder/Dan Morse; Operator/Chris Weinberger; Operator/Del Bell and Laborer/Tom Ickes.

Determination crew inspection Date	Inspector	Unit	Type of Work	Foreman Name	Contractor Name	Comments / Observations for Operator
07-15-2021	Dennis Ritter	CNG - Bellingham District - 7899	Main Extension	Tony Farruggia		No issues noted
07-15-2021	Dennis Ritter	CNG - Bellingham District - 7899	New Service			No issues noted
07-15-2021	Dennis Ritter	CNG - Bellingham District - 7899	New Service	Zack Allard	Michels	No issues noted
07-14-2021	Dennis Ritter	CNG - Bremerton - 7900	Other		Brothers	No crew on site, not sure what the work was.
07-14-2021	Derek Norwood	CNG - Yakima - 7909	Main Extension	Heath Rodarme	Michels	
07-14-2021	Derek Norwood	CNG - Yakima - 7909	Main Extension	Heath Rodarme	Michels	
07-06-2021	Dennis Ritter	CNG - Mount Vernon - 7904	New Service	Jorge Torres	Michels	No issues noted
07-06-2021	Dennis Ritter	CNG - Mount Vernon - 7904	New Service	Jorge Torres	Michels	No issues noted
07-06-2021	Dennis Ritter	CNG - Mount Vernon - 7904	New Service	Paul Martinez	Michels	No issues noted
07-01-2021	Dennis Ritter	CNG - Aberdeen - 7898	Other		Michels	No crew on site.
07-01-2021	Dennis Ritter	CNG - Aberdeen - 7898	New Service	Don Crow	Michels	No issues noted. Welder not on site until tomorrow
06-23-2021	David Cullom	CNG - Bremerton - 7900			Michels	
06-23-2021	David Cullom	CNG - Bremerton - 7900	New Service	Zack Gagnon		
06-02-2021	Anthony Dorrough	CNG - Yakima - 7909	Main Extension	Heath Rodarme	Michels	Staff observed crew in the process of installing new 1-inch PE service, tying into a new 2-inch PE main they installed a few days previous. Staff noted that the crew had struck the conduit for a mis-located communications line while hogging in the service, there was no damage to the Communications line. Also on site: Laborer/Scott Curtis. Calibration audit: Multimeter #MICH50964 7/2/21 Halfcell #MC51719 1/31/22 Pyrometer #MICH45518 9/10/21 Gauge # MICH51001 9/9/21 Gas Scope #MC45497 6/19/21 PE found on truck: (1-inch 11/14/20)
05-24-2021	Scott Anderson	CNG - Mount Vernon - 7904	Other		Infrasource	
05-24-2021	Scott Anderson	CNG - Mount Vernon - 7904	Service Repair	Tyler Percy		
05-11-2021	Dennis Ritter	CNG - Longview - 7902	Main Install	Pat Johnson	Infrasource	No issues noted
05-11-2021	Dennis Ritter	CNG - Longview - 7902	Main Install	Keith Pearson	Michels	No issues noted
05-07-2021	David Cullom	CNG - Bremerton - 7900			Brothers	
04-23-2021	Anthony Dorrough	CNG - Aberdeen - 7898	New Service			Staff observed that the work had already been completed.
04-23-2021	Anthony Dorrough	CNG - Aberdeen - 7898				Staff observed that work had already been completed.
04-23-2021	Anthony Dorrough	CNG - Aberdeen - 7898	New Service	Zack Gagnon	Michels	staff observed that the work had already been completed.
04-23-2021	Anthony Dorrough	CNG - Aberdeen - 7898	New Service	Zack Gagnon	Michels	Staff observed crew in the process of installing new 1-inch PE service, tying into a 2-inch STW main (1969). Also on site were Operator/Steve Bacque and Laborer/Elijah Ross.
04-14-2021	Anthony Dorrough	CNG - Walla Walla - 7907	Other			Staff observed crew in the process of relocating an existing 2-inch STW main (1994) to clear for installation of a storm vault. Also on site were Operator/Keith Towne and Utility/Nathan McDonald.

Determination crew inspection Date	Inspector	Unit	Type of Work	Foreman Name	Contractor Name	Comments / Observations for Operator
04-14-2021	Anthony Dorrrough	CNG - Walla Walla - 7907	New Service	Rob Englehart	Michels	Staff observed crew testing and trying over a new PE service tying into new 2-inch PE gas main which was installed a few days previous as part of a main relocation. Also on site was Fitter/Scott Schwendig. PE found on truck: 1-inch 10/15/2020; 1-inch 1/5/2020; 1/2-inch 6/15/18 and 5/8-inch 6/5/18.  Calibration audit: Pyrometer #MICH43859 6/23/21 Gas Scope #MC49827 4/22/21 Multimeter #MICH43490 6/17/21 Test Gauge #MICH51002 9/9/21  NOTE: Staff found that the "Sidewinder machine" used to install PE Tee's was broken, the gauge attached was cracked. Staff verified that another machine (borrowed from another crew) was used to complete work.
04-14-2021	Anthony Dorrrough	CNG - Walla Walla - 7907	New Service	Dale Wagner	Michels	Staff observed crew in the process of installing a new PE services tying into stubs put in 2020. Also on site was Laborer/Tanner Caraway. PE found on truck: 1-inch 10/5/2020 and 12/25/2020  Calibration audit: Test gauge #MICH54649 11/27/21 Multimeter #MICH50965 7/2/21 Pyrometer #MICH43426 6/26/21 Torque Wrench #MC43521 6/10/21  NOTE: Halfcell found to be expired [ #MC55556 dated 3/8/21 ] and there was no paper documentation located on truck. Follow-up: Because PE work was being performed and not steel, staff called equipment staff "Jaden ????" (509) 824-2635 for an explanation instead of marking "unsatisfactory" and initiating an investigation. According to equipment staff the halfcell had been calibrated but was missing the correct sticker. Later, equipment staff texted staff a picture of the calibration paperwork.
04-14-2021	Anthony Dorrrough	CNG - Kennewick - 7901	New Service	Dallas Howe	Michels	Staff observed that the work had already been completed.
04-14-2021	Anthony Dorrrough	CNG - Kennewick - 7901	New Service	Dallas Howe	Michels	Staff observed crew in the process of tying into an existing 2-inch PE stub (2019) to install new service. Also on site: Operator/Ray Hawke and Laborer/Dan Southards. Calibration audit: Multimeter #MICH45600 8/24/21 Pyrometer #MICH52820 6/10/21 Halfcell #MICH51264 8/24/21 Test Gauge #MC47305 12/19/21 Gas Scope #MC27706 4/22/21 PE found on truck: 1-inch 10/9/2020
04-14-2021	Anthony Dorrrough	CNG - Kennewick - 7901	New Service	Jason Fromm	Michels	staff observed that work had already ben completed.
04-14-2021	Anthony Dorrrough	CNG - Kennewick - 7901	New Service	Jason Fromm	Michels	Staff observed crew in the process of installing new 1-inch PE service, tying into 2-inch PE main (2020) and fusing service riser. Also on site Laborer/Adal Berto and Safety Officer/Yara Larios. Calibration Audit: Pyrometer #MICH51017 6/11/21 Multimeter #MICH50957 6/16/21 Halfcell #MC47361 6/29/21 Gas Scope #MC43601 5/8/21 PE found on truck: 1-inch 10/10/2020
04-14-2021	Anthony Dorrrough	CNG - Longview - 7902	New Service	Weston Lechelt	Michels	Staff observed crew in the process of installing new 1-inch PE service, tying into a 4-inch PE gas main. Also on site were Quality Control/Dan Messenger and Laborer/ Ignacio Munguida. Calibration audit: Pyrometer #MICH45575 6/26/21 Multimeter #MICH43875 7/2/21 Halfcell #MC7363 *(no documentation) Gas Scope #MC43599 4/23/21 PE found on truck: 1-inch 10/9/2020 *Staff contacted MICHELS - no follow-up issues.
04-14-2021	Anthony Dorrrough	CNG - Kennewick - 7901	Main Extension	Ray Healy	Michels	Staff observed that crew had begun work but was not on site during the visit.
03-31-2021	Anthony Dorrrough	CNG - Wenatchee - 7908	Other	Sam Grant		Staff observed crew in the process of replacing an existing regulator station (#R-11 & #R-12)(1963)as part of a planned upgrade. There was 8-inch; 6-inch & 4-inch ST pipeline involved, tying into an existing 8-inch STW main (to Simplot) a year previous due to validation compliance. Also on site: Supv. Const.Service/Derek Cereyson; Onsite Inspector (Mistras)/Shea Thomas; Control Equip. Mech/Steve Knutson; Control Equip. Mech/Jeff Woodall; Utility/Wesley Hoffstot and Operator/Brenton Gilliam.
03-26-2021	Anthony Dorrrough	CNG - Longview - 7902	Other	Adam Helenburg	Brothers Pipeline	Staff observed crew in the process of preparing to replace 8-inch STW main and reg. station because of unvaludated pipeline (1972), modified in 1982 and again in 2013. Also on site: CNGC Supervisor/Joel Johnstone; Welder/Bryan Ek; Operator/Todd Rowton; Laborer/Leroy Taveres and Helper/Zachary Kruse.
03-26-2021	Anthony Dorrrough	CNG - Longview - 7902	Main Install	Don Crow	Michels	Staff observed crew in the process of installing new 4-inch and 2-inch PE into new const. plat. Also on site: Operator/Justin McCorkle and Laborer/Thomas Ickes. Calibration audit: Gauge #MICH54017 12/19/21 Pyrometer #MICH45572 6/26/21 Multimeter #MICH50954 7/2/21 Halfcell #MC43664 6/29/21 PE found on truck: 4-inch 9/24/2020
03-25-2021	Anthony Dorrrough	CNG - Mount Vernon - 7904	New Service	Jorge Torres	Michels	Staff observed that work had been completed already.
03-25-2021	Anthony Dorrrough	CNG - Mount Vernon - 7904	New Service	Jorge Torres	Michels	Staff observed crew in the process of installing 1-inch PE service, tying into existing 2-inch STW. Also on site: Laborer/Tanner Newton. Calibration audit: Pyrometer #MC55989 6/21 Multimeter #MC45599 1/6/22 Halfcell #MC48333 6/29/21 Gas Scope #MC48355 4/23/21 Gauge 0-60 lbs #MICH52997 12/19/21 Torque Wrench #47343 9/1/21 PE found on truck: 2-inch 7/16/2020 and 1-inch 10/10/2020

Determination crew inspection Date	Inspector	Unit	Type of Work	Foreman Name	Contractor Name	Comments / Observations for Operator
03-25-2021	Anthony Dorrough	CNG - Mount Vernon - 7904	New Service	Keith Pearson	Michels	Staff observed crew in the process of installing new 1-inch PE service, tying into a 2-inch STW main (1979). Also on site: Laborer/Jacob Moffit. Calibration audit: Gauge #160lb #MICH48244 2/3/22 Multimeter #MICH45583 6/12/21 Halfcell #MICH51721 6/29/21 Pyrometer #MICH45509 6/10/21 PE found on truck: 1-inch 10/5/2020
03-25-2021	Anthony Dorrough	CNG - Mount Vernon - 7904	Other	Paul Martinez	Michels	Staff observed crew in the process of tapping into existing 4-inch STW main (1984) and 2-inch STW (1969) in preparation to install [1,100] of new 2-inch PE and tying over [5] existing services to clear for sewer replacement work. Also on site: Laborer/Heli Miranda.
03-24-2021	Anthony Dorrough	CNG - Bellingham District - 7899	New Service	Zack Allard	Michels	Staff observed crew in the process of installing new 1-inch PE service, tying into existing 2-inch HD PE (1998). Also on site were: Fitter/Trenton Neuendorf; and Laborer/Bryan Smith.  Staff noted that the existing main was found to be touching an existing PE water main in the right-of-way, crew will impose required separation after they fuse on a tee.
03-24-2021	Anthony Dorrough	CNG - Bellingham District - 7899	New Service	Tony Farruggia		Staff observed crew in the process of installing a new 1-inch PE service, tying into existing 2-inch HD PE (unknown). Also on site: Operator/Chad Vadenhoff and Laborer/Josh R. Calibration audit: Gauge #CNG014-1000 1/12/22 Multimeter #A18 12/9/21 Halfcell #HCTF 1/5/22 Gas Scope #6171 3/1/21 Pyrometer #052814007-35200K 12/13/21 PE found on truck: 1-inch 1/9/2020
03-24-2021	Anthony Dorrough	CNG - Bellingham District - 7899	Other	Cody Miller		Staff observed crew in the process of lowering an existing 2-inch STW main on two-way feed (1968) in order to clear for new county storm line at two specific crossings on this right-of-way. Also on site: Operator/Jeff Curtright; Operator/Jack Kenyon and Laborer/Kevin Green.
03-19-2021	Anthony Dorrough	CNG - Bremerton - 7900	New Service	Zack Gagnon	Michels	Staff observed that the work had already been completed.
03-19-2021	Anthony Dorrough	CNG - Bremerton - 7900	New Service	Zack Gagnon	Michels	Staff observed crew in the process of installing a new 1-inch PE service, tying into an existing 1-inch HD PE stub (unknown). Also on site were: Operator/Steve Bacque and Laborer/Marcus Dawley.  Locate Issue: Crew reported that the locate was off and maps were not accurate.
03-19-2021	Anthony Dorrough	CNG - Bremerton - 7900	Relocate/Abandon	Morgan Turek		Staff observed crew in the process of relocating a portion of an existing 3/4-inch STW service (1981) that had been built over after an extension to a residential home. Also on site were Operator/Sam Hedegard and Operator/Laborer/Randy Robertson. Calibration audit: Gauge #152 1/20/22 Multimeter #21551835 10/13/21 Halfcell #HC10 11/16/21 Track-It Gas Scope #4430 4/4/21 Pyrometer #11835865031 4/15/21 PE found on truck: 1-inch 10/6/2020 and 1/2-inch 6/15/18
03-15-2021	Dennis Ritter	CNG - Yakima - 7909	Service Repair			No issues noted.
03-15-2021	Dennis Ritter	CNG - Yakima - 7909	New Service	Rob Englehart	Michels	No issues noted.
03-10-2021	Scott Anderson	CNG - Aberdeen - 7898	New Service	Zack Gagnon	Michels	
03-10-2021	Derek Norwood	CNG - Longview - 7902	Main Extension	Don Crow	Michels	
03-08-2021	Derek Norwood	CNG - Mount Vernon - 7904	New Service	Keith Pearson	Michels	
02-26-2021	Anthony Dorrough	CNG - Bremerton - 7900	New Service	Morgan Turek	Michels	Staff observed that work had been completed.
02-26-2021	Anthony Dorrough	CNG - Bremerton - 7900	New Service	Doug Ihlen	Michels	Staff observed crew prepping to install new service & MSA. Calibration Audit: Pyrometer #MICH-45509 due 6/10/21 Multimeter #MICH-45583 6/12/21 Halfcell #C6628-MC51721 6/29/21 Gauge #605597 2/3/22 Sensit #MC49823 3/22/21 PE found on truck: 2-inch 10/5/20 & 5/3/20
02-26-2021	Anthony Dorrough	CNG - Bremerton - 7900	New Service	Keith Pearson	Michels	Staff observed crew in the process of installing new 1-inch PE stub for new service & MSA. Also on site were: Fitter/Nathan Fisher and Laborer/Jacob Moffitt. Calibration Audit: Gauge #MICH-54637 2/3/22 Multimeter #MICH-43947 11/24/21 Halfcell #MC51263 8/24/21 Pyrometer #MICH-???? 9/10/21 Sensit #MC47300 3/19/21 PE found on truck: 1-inch 10/6/20
02-23-2021	Dennis Ritter	CNG - Bremerton - 7900	New Service	Keith Pearson	Michels	No issues noted
02-23-2021	Dennis Ritter	CNG - Bremerton - 7900				None
02-18-2021	Anthony Dorrough	CNG - Mount Vernon - 7904	Main Replacement	Carl Chase	Hanging H	Staff observed that work had already been completed.

Determination crew inspection Date	Inspector	Unit	Type of Work	Foreman Name	Contractor Name	Comments / Observations for Operator
02-18-2021	Anthony Dorough	CNG - Mount Vernon - 7904	New Service	Zack Allard	Michels	Staff observed crew in the process of installing new PE service, tying into 2-inch PE main (2003). Also on site: Laborer/Brian Smith. Equipment calibration audit: Fusion Box #MC43633 10/6/22 Sensit #MC49764 3/10/21 Multimeter #MCH-45601 6/4/21 Halfcell #MC55957 5/27/21 Pyrometer #MICH-43655 1/21/22 Gauge #MICH-43652 1/21/22 Torque Wrench #MC4001 9/10/21
02-08-2021	David Cullom	CNG - Bellingham District - 7899	Leak Repair			
02-08-2021	David Cullom	CNG - Bellingham District - 7899	New Service	Cody Miller		
02-08-2021	David Cullom	CNG - Mount Vernon - 7904	Main Extension		Michels	
01-28-2021	David Cullom	CNG - Longview - 7902	Cut & Cap		Michels	
01-28-2021	Scott Anderson	CNG - Yakima - 7909				
01-28-2021	Scott Anderson	CNG - Yakima - 7909			Michels	
01-27-2021	David Cullom	CNG - Bremerton - 7900	Main Extension	Josh Block		
01-27-2021	Derek Norwood	CNG - Mount Vernon - 7904	Main Extension	Tyler Percy		
01-11-2021	Derek Norwood	CNG - Shelton - 7905	New Service	Keith Pearson	Michels	
01-11-2021	Derek Norwood	CNG - Aberdeen - 7898	New Service		Michels	
12-02-2020	Derek Norwood	CNG - Bremerton - 7900	Service Reconnect	Morgan Turek		
12-02-2020	Derek Norwood	CNG - Bremerton - 7900	New Service	Don Crow	Michels	
11-24-2020	Derek Norwood	CNG - Mount Vernon - 7904	Main Extension	Jorge Torres	Michels	
11-24-2020	Derek Norwood	CNG - Mount Vernon - 7904	New Service	Paul Martinez	Michels	
11-10-2020	Dennis Ritter	CNG - Bellingham District - 7899	Other			No crew on site. Work appears to be completed
11-05-2020	David Cullom	CNG - Bremerton - 7900	Other	Andy Jackson	Michels	
11-02-2020	David Cullom	CNG - Bremerton - 7900	New Service	Keith Pearson	Infrasource	
10-23-2020	David Cullom	CNG - Longview - 7902	Main Extension	Britt Boly	Brothers Pipeline	
10-23-2020	David Cullom	CNG - Longview - 7902	Main Extension	Vince Gourley	Infrasource	
10-15-2020	Dennis Ritter	CNG - Mount Vernon - 7904	Cut & Cap	Carl Chase	Hanging H	Crew was cutting and capping a 2" steel line. Checked OQs watched tapping and cutting out coupons. No issues noted.
10-14-2020	Dennis Ritter	CNG - Mount Vernon - 7904	Other	Ian Wald		No issues noted. This was verification dig for ECDA assessment. Theron will evaluate but not on site.
10-12-2020	Dennis Ritter	CNG - Bellingham District - 7899	New Service	Cody Miller		No issues noted
10-12-2020	Dennis Ritter	CNG - Bellingham District - 7899	New Service	Tony Farruggia		Now issues notes

Determination crew inspection Date	Inspector	Unit	Type of Work	Foreman Name	Contractor Name	Comments / Observations for Operator
10-12-2020	Dennis Ritter	CNG - Bellingham District - 7899	Other		Hanging H	Installing bypass for bottom out to allow removal of old station.
10-09-2020	Anthony Dorrough	CNG - Bremerton - 7900	Main Install	Jerrell Norman	Michels	Staff observed crew in the process of installing 2-inch PE gas main into a casing at roadway crossing on a new const. plat. Also on site: Fuser/Nate Fisher and Laborer/Jacob Moffitt. PE found on roll: Dated 2-inch 4/19/2020
10-09-2020	Anthony Dorrough	CNG - Bremerton - 7900	Main Install	Doug Ihlen	Michels	Staff observed crew in the process of installing new PE gas main into a joint-trench onto a new const. plat. Calibration audit: Gauges due 2/25/21 Multimeter #MICH-29201 5/4/21 Halfcell #MC43673 5/4/21 Gas Scope #M45495 10/27/2020 Pyrometer #MICH-43861 6/11/21 PE being installed: Dated 9/25/2020 Also on site: Fuser/josh Craig and Laborer/Cody Necker
10-09-2020	Anthony Dorrough	CNG - Bremerton - 7900	Cut & Cap	Morgan Turek		Staff observed crew in the process of cut and capping an existing 5/8-inch PE service (1999), cutting the service back to the tee on the 2-inch steel wrapped main. Also on site: Operator/Sam Hebegaard.
10-08-2020	Darren Tinnerstet	CNG - Longview - 7902	Main Install	Vince Gourley	Infrasource	
10-02-2020	David Cullom	CNG - Longview - 7902	Main Extension	Britt Boly	Brothers Pipeline	
09-30-2020	David Cullom	CNG - Bremerton - 7900	New Service	Zack Gagnon	Michels	
09-28-2020	Derek Norwood	CNG - Shelton - 7905	Main Install	Doug Ihlen	Michels	
09-23-2020	David Cullom	CNG - Longview - 7902	Main Install		Brothers Pipeline	
09-21-2020	David Cullom	CNG - Longview - 7902			Brothers Pipeline	
09-21-2020	David Cullom	CNG - Longview - 7902	New Service	Keith Pearson	Michels	
09-08-2020	Darren Tinnerstet	CNG - Longview - 7902	Main Replacement	Vince Gourley	Infrasource	
09-02-2020	Dennis Ritter	CNG - Bremerton - 7900	Main Install	Doug Ihlen	Michels	No issues noted
09-02-2020	Dennis Ritter	CNG - Bremerton - 7900	Main Install		Michels	Could not locate this crew. According to Doug Ihlen, another Michels FM they were on Woods Rd but could not locate.
09-02-2020	Dennis Ritter	CNG - Shelton - 7905	Main Extension		Michels	No Crew on site when I arrived at approx. 1420. DER
09-02-2020	Dennis Ritter	CNG - Shelton - 7905				No crew on site at this address, no equipment, no locates. CNG's 8 and 12" Kitsap transmission lines are within 1000 feet of the address, but no sign of a crew. DER
09-02-2020	Scott Anderson	CNG - Longview - 7902	New Service		Michels	
09-02-2020	Scott Anderson	CNG - Longview - 7902	New Service	Clint Mathews		
09-02-2020	Scott Anderson	CNG - Longview - 7902	Main Install	Vince Gourley	Infrasource	
08-26-2020	David Cullom	CNG - Aberdeen - 7898			Hanging H	
08-26-2020	David Cullom	CNG - Aberdeen - 7898	New Service	Don Crow	Michels	
08-13-2020	Scott Anderson	CNG - Wenatchee - 7908	Other	Shane Davis		
08-05-2020	David Cullom	CNG - Longview - 7902	Cut & Cap	Jeremy Carroll		Great crew
07-31-2020	David Cullom	CNG - Bremerton - 7900	Relocate/Abandon	Morgan Turek		



Determination crew inspection Date	Inspector	Unit	Type of Work	Foreman Name	Contractor Name	Comments / Observations for Operator
07-29-2020	Anthony Dorrrough	CNG - Mount Vernon - 7904	Relocate/Abandon	Daniel Mireles		Staff observed crew in the process of relocating an existing 3/4-inch STW service (1969) by installing a new 1-inch PE service from the main to a new MSA location. Calibration audit: Test Gauge: #E24 4/16/21 Pyrometer: #082106040 (calibrated) 1/16/2020 Multimeter: #MM10 9/10/2020 Halfcell: #HC21 12/9/2020 CGI: #2871 7/16/21 PE found on truck dated: 9/17/19 (1/2-inch); 2/5/2020 (1-inch); 2/6/19 (2-inch) Also on site: Utility/Wyatt Nichols; Operator/Rocky Rockefeller and Utility/Ryan Schuehm
07-29-2020	Anthony Dorrrough	CNG - Longview - 7902	Main Replacement	Carl Chase	Hanging H	Staff observed crew in the process of installing new 2-inch & 4-inch ST main and tying into existing 2-inch & 4-inch ST main. Calibration audit: Multimeter #19472-2 5/22/21; Jeep Holiday Detector (calibrated) 2/20/2020 Also on site: Laborer/Colby Tyra; Laborer/Ron Robertson; Operator/Tim Bridge and IT/Video Tech w/Hanging H - Ernest Skiva and Inspector w/Snyder Consulting - Matthew Snyder.
07-29-2020	Anthony Dorrrough	CNG - Mount Vernon - 7904	Main Replacement	Zack Allard		Staff observed crew in the process of installing new 2-inch ST pipeline onto previously installed 4-inch ST pipeline and existing 2-inch PE gas main. Equipment calibration audit: Gas Scope #MC49764 - 8/1/2020 Voltmeter #MICH45601 - 6/4/21 Pyrometer # MICH45514 - 6/10/21 Halfcell # MC55465 - 3/8/21 Test Gauge # MICH48254 - 2/21/21 Also on site: Welder/Bill Doyle; Fitter/Trenton Neudorf and Laborer/Brian Smith.
07-23-2020	David Cullom	CNG - Bremerton - 7900	New Service		Michels	
07-23-2020	David Cullom	CNG - Bremerton - 7900	New Service		Michels	
07-23-2020	David Cullom	CNG - Bremerton - 7900	Main Install	Paul Martinez	Michels	
07-16-2020	Anthony Dorrrough	CNG - Longview - 7902	New Service			Staff observed that crew had already completed installation of new 2-inch PE commercial service to new school const.
07-15-2020	Anthony Dorrrough	CNG - Aberdeen - 7898	New Service	Don Crow	Michels	Staff observed crew installing new 1-inch PE service and tying into existing 2-inch STW. Crew commented that CNGC mapping were not accurate and they exposed abandoned gas pipeline that was not found on records that were provided. Also on site: Operator/Justin McCohn and Laborer/Thomas Ickes.
07-08-2020	Anthony Dorrrough	CNG - Bellingham District - 7899	Other	Lupe Mejia	Infrasource	Staff observed crew in the process of work related to the validation of a 4-inch ST pipeline system. Crews isolated sections of pipeline that will eventually be replaced by new 4-inch ST pipe. They will cut and cap existing pipe and then purge the pipeline. Customer gas service will be maintained by the use of gas bottles while this work is being performed. Also on site: Mistros Inspector/Ian Wald; Control Mechanic/Rafael Aguilar; CNGC Supv/Eric Rex; Manager/Brandon Haugness and CNGC Supv/Joel Johnston.
07-08-2020	Anthony Dorrrough	CNG - Bellingham District - 7899	Cut & Cap			Staff observed crew in the process of cut and capping three 3/4-inch STW service stubs installed (1974) to spaces 5, 6 & 7 at a mobile home park. Also on site: Operator/Chad Vandenhaak.
07-08-2020	Anthony Dorrrough	CNG - Bellingham District - 7899	Leak Repair	Cody Miller		Staff observed crew in the process of chasing down a leak on a 2-inch STW after the pipeline had been damaged earlier by a third party while excavating. Also on site: Operator/Jack Kenoyer and Utility/Josh Ramharden.
06-25-2020	David Cullom	CNG - Shelton - 7905	Cut & Cap			
06-25-2020	David Cullom	CNG - Shelton - 7905	New Service		Michels	
06-25-2020	David Cullom	CNG - Aberdeen - 7898	New Service	Doug Ihlen	Michels	
06-17-2020	David Cullom	CNG - Longview - 7902	New Service		Michels	
06-09-2020	Scott Anderson	CNG - Bellingham District - 7899	New Service		Michels	
06-09-2020	Scott Anderson	CNG - Bellingham District - 7899	New Service		Michels	
06-09-2020	Scott Anderson	CNG - Bellingham District - 7899	New Service		Michels	
06-04-2020	Scott Anderson	CNG - Aberdeen - 7898	New Service		Michels	
06-04-2020	Scott Anderson	CNG - Aberdeen - 7898	New Service		Michels	
06-04-2020	Scott Anderson	CNG - Aberdeen - 7898	New Service		Michels	
06-04-2020	Scott Anderson	CNG - Aberdeen - 7898	New Service		Michels	

Determination crew inspection Date	Inspector	Unit	Type of Work	Foreman Name	Contractor Name	Comments / Observations for Operator
06-04-2020	Scott Anderson	CNG - Aberdeen - 7898	New Service		Michels	
06-04-2020	Scott Anderson	CNG - Aberdeen - 7898	New Service		Michels	
06-04-2020	Derek Norwood	CNG - Mount Vernon - 7904	Main Replacement	Joe Simpson	Hanging H	
05-28-2020	Anthony Dorrrough	CNG - Bremerton - 7900	Relocate/Abandon	Morgan Turek		Staff observed crew getting ready to tie new 2-inch PE piping into an existing 2-inch PE main in order to clear for new retaining wall const. Also on site: Foreman/Josh Block and laborer/Sam Hedegard.
05-28-2020	Anthony Dorrrough	CNG - Bremerton - 7900	New Service	Keith Pearson	Michels	Staff observed crew in the process of preparing to tie- into an existing PE main after installing a 1-inch PE service line to new const. residence. Also on site: Welder/Bill Doyle and Laborer/Issac Houston.  Calibration issue and follow up comments:  Staff conducted an audit of calibrated equipment found on the truck with the following results- Voltmeter #41430029 3/2020 ( out of calibration) Halfcell #MC51763 4/3/2020 (out of calibration) Pyrometer #53922 3/15/2020 (out of calibration) Gas Scope #MC43619 5/23/2020 (out of calibration) Gauge #MC54608 12/19/19 (out of calibration)  Staff was told that fusion work on the new service was performed with a different Pyrometer (ID# MC45507) and was provided an opportunity to take a photo of the calibration label of that Pyrometer which was located on a different crew truck. The gauge used for the pressure test on the new service was performed with a brand new gauge (#MC54631) that staff was able to verify onsite.  Staff will follow up to determine whether any of this equipment was used on other jobs while out of calibration.
05-28-2020	Anthony Dorrrough	CNG - Bremerton - 7900	New Service	Zack Gagnon	Michels	Staff observed a crew preparing to tie-into an existing 2-inch PE gas main after installing a 1-inch PE service to a remote meter location, to serve a swimming pool, which staff noted will require customer owned UG piping downstream of the meter. Also on site: Operator/Steve Bacque and Laborer/Marcus Dawbey.
05-19-2020	Derek Norwood	CNG - Longview - 7902	Main Repair	Jeremy Carroll		
05-15-2020	Anthony Dorrrough	CNG - Mount Vernon - 7904	New Service	Jorge Torres	Michels	
05-15-2020	Anthony Dorrrough	CNG - Kennewick - 7901	New Service	Jordan Esparza	Michels	Staff observed crew in the process of installing a tee onto an existing 2-inch PE main in order to provide a 1-inch PE service to a new const. residence. Also on site: Operator/Jeremy Van Dohlan and Laborer/Ignacio Munguia.
05-15-2020	Anthony Dorrrough	CNG - Kennewick - 7901	New Service	Scott Morrell	Michels	
05-14-2020	Anthony Dorrrough	CNG - Mount Vernon - 7904	Relocate/Abandon	Zack Allard	Michels	Staff observed crew in the process of providing cover to newly installed 2-inch PE pipeline in order to relocate existing 2-inch ST main to clear for county sewer and road work. Also on site: Fitter/Trentton Neuendorf and Laborer/Bryan Smith.
05-14-2020	Anthony Dorrrough	CNG - Mount Vernon - 7904	Valve Repair	Tyler Pearcy		Staff observed crew in the process of installing a new valve onto an existing 2-inch STW service to a hospital, as part of a routine replacement schedule. Also on site: Utility Foreman/Eric Stringfield; Welder/Tyler Pearcy; Welder/Dan Mierles; Operator/Russ Rockafellar.
05-13-2020	Anthony Dorrrough	CNG - Bellingham District - 7899	Leak Repair	Tony Farruggia		Staff observed crew finishing a leak repair on an existing 2-inch ST cold-tar wrapped main (1962). The leak was discovered while performing routine leak patrolling, and determined a Class 3 Leak. Also on site: Operator/Jack Kenoyer and Utility/ Kevin Green.
05-13-2020	Anthony Dorrrough	CNG - Bellingham District - 7899	Main Install	Jorge Torres	Michels	Staff observed crew connecting sections of 1-inch PE main they had previously installed in PVC casing to new const. building structures. Also on site: Laborer/Robert McCloud.
04-28-2020	Scott Anderson	CNG - Bremerton - 7900	Main Install	Josh Block		
04-23-2020	Anthony Dorrrough	CNG - Bellingham District - 7899	Relocate/Abandon	Tony Farruggia		Staff observed crew in the process of relocating existing 4-inch STW main to clear for installation of a county roadway widening project. Also on site: Operator/Jack Lenoyer and Laborer/Josh Ramhart.
04-23-2020	Anthony Dorrrough	CNG - Bellingham District - 7899	Relocate/Abandon	Cody Miller		Staff observed crew in the process of trenching and fabricating a section of new 2-inch steel pipeline to relocate a section of existing 2-inch steel gas main for a city project. Found CNGC pipe trailer on site with PE dated: 06/11/19 and 07/14/18. Also on site: Operator/Chad Vandenhoff; Operator/Jeff Kurtright and Laborer/Kevin Green.
04-23-2020	Anthony Dorrrough	CNG - Bellingham District - 7899	Other	Lupe Mejia	Infrasource	Staff observed crew in the process of visually inspecting a section of existing 2-inch HP steel gas main and fittings installed in 1972 for MAOP validation. This pipeline is part of a larger 4-inch HP system located in the area. Also on site: Supervisor/Jeff Elliott; Operator/Ray Howard; Laborer/Jacob Nicolas; Laborer/Dale MacDonald and Laborer/Joseph Sanford.
04-23-2020	Scott Anderson	CNG - Wenatchee - 7908	Main Install	Sam Grant	Michels	
04-22-2020	Darren Tinnerstet	CNG - Mount Vernon - 7904	New Service	Zack Allard	Michels	
04-01-2020	Scott Anderson	CNG - Bellingham District - 7899	Main Install	Cody Miller		

Determination crew inspection Date	Inspector	Unit	Type of Work	Foreman Name	Contractor Name	Comments / Observations for Operator
03-25-2020	Anthony Dorrough	CNG - Bremerton - 7900	New Service		Michels	Staff observed crew installing a new 1-inch PE service, also on site: Robert Hoskins/Safety Coordinator/CNGC; Steve Bacque/Operator and Jacob Moffit/Laborer
03-19-2020	Scott Anderson	CNG - Longview - 7902	New Service	Clint Mathews		
03-19-2020	Scott Anderson	CNG - Longview - 7902	Other		Brothers Pipeline	
03-12-2020	Scott Anderson	CNG - Yakima - 7909	New Service			
03-11-2020	Scott Anderson	CNG - Bellingham District - 7899	New Service	Tony Farruggia		
03-11-2020	Scott Anderson	CNG - Mount Vernon - 7904	New Service	Lupe Mejia	Michels	
03-10-2020	Scott Anderson	CNG - Mount Vernon - 7904	Main Repair	Tyler Percy		
03-10-2020	Scott Anderson	CNG - Mount Vernon - 7904	New Service	Paul Martinez	Michels	
03-10-2020	Scott Anderson	CNG - Mount Vernon - 7904	New Service		Michels	
03-09-2020	Darren Tinnerstet	CNG - Aberdeen - 7898	Leak Repair	Kelly Campbell		
03-05-2020	Derek Norwood	CNG - Kennewick - 7901	Main Extension	Jordan Esparza	Michels	
03-05-2020	Derek Norwood	CNG - Kennewick - 7901	Main Extension	Scott Morrell	Michels	
03-04-2020	David Cullom	CNG - Longview - 7902	New Service	Jeremy Carroll		
02-26-2020	Scott Rukke	CNG - Yakima - 7909	Main Extension	Heath Rodarme	Michels	The crew was installing approximately 300' of 2-inch PE as a reinforcement. When I was on site the PE was exposed where they were planning on doing one of two tie-ins. They were boring in a grassy area. No main had been installed in the area they were working.
02-20-2020	David Cullom	CNG - Bremerton - 7900		Derek Kim	Michels	
02-20-2020	David Cullom	CNG - Bellingham District - 7899	New Service		Michels	
02-20-2020	David Cullom	CNG - Bremerton - 7900		Zack Gagnon	Michels	
02-20-2020	David Cullom	CNG - Bremerton - 7900	New Service	Zack Gagnon	Michels	
02-13-2020	Anthony Dorrough	CNG - Bremerton - 7900	New Service		Michels	
02-13-2020	Anthony Dorrough	CNG - Bremerton - 7900	New Service	Derek Kim	Michels	Staff observed crew exposing an existing 2-inch PE gas main and preparing to change the location of the riser since the customer owned pipeline was stubbed out too close to an open window. Staff also noted an area of concern, the existing gas main was found to be located within 2-ft of the foundation of the building structure. Staff is unsure what CNGC procedures have to say about this main location. Staff will not flag for follow-up at this time but will check CNGC procedures. If this area of concern becomes an issue, staff will open a compliance investigation at that time. Also on site: John Ringer/Field Coordinator; Jerrell Norman/Fitter and Justin McCorkle/Operator
02-13-2020	Anthony Dorrough	CNG - Bremerton - 7900	Service Repair	Josh Block		staff observed crew while repairing a rusted service riser and using an electrofusion machine to fuse existing 1/2-inch service to the new pre-built riser. Also on site: Andrew Stone/Operator and Tim Howell/Laborer.
02-13-2020	Scott Anderson	CNG - Wenatchee - 7908	Relocate/Abandon	Shane Davis		
02-12-2020	Scott Rukke	CNG - Kennewick - 7901	New Service	Jason Fromm	Michels	Good job planning and set up, good soil bedding for the PE, adequate depth, good riser placement. All records on site. Good communication from crew. The fusor was performing a fusion cutout when I was on site due to a visually inadequate fuse.
02-12-2020	David Cullom	CNG - Longview - 7902	New Service	Don Crow	Michels	
02-12-2020	David Cullom	CNG - Longview - 7902	Main Extension	Keith Pearson	Michels	
02-12-2020	David Cullom	CNG - Longview - 7902	Cut & Cap	Clint Mathews		

Determination crew inspection Date	Inspector	Unit	Type of Work	Foreman Name	Contractor Name	Comments / Observations for Operator
02-11-2020	Scott Anderson	CNG - Mount Vernon - 7904	Main Install	Dennis Huff	Hanging H	
02-11-2020	Scott Anderson	CNG - Mount Vernon - 7904	New Service			
02-06-2020	Scott Anderson	CNG - Yakima - 7909	Other		Brothers	
02-06-2020	Scott Anderson	CNG - Yakima - 7909	New Service		Michels	
02-05-2020	David Cullom	CNG - Mount Vernon - 7904	Main Install	Shaun Dewey	Snelson	
02-05-2020	David Cullom	CNG - Mount Vernon - 7904	New Service		Michels	
02-05-2020	Derek Norwood	CNG - Bremerton - 7900	New Service		Michels	
02-05-2020	Derek Norwood	CNG - Bremerton - 7900	New Service		Michels	
01-31-2020	Anthony Dorough	CNG - Bremerton - 7900	Main Extension			<p>This was a follow-up investigation into a riser that staff found installed by a contractor (Michels) during a crew inspection, within the right-of-way (ROW) and across from a structure intended to be served with gas. The current MSA configuration would cause the gas customer to install underground fuel-line within the ROW.</p> <p>Staff contacted CNGC in regards to the riser location and was informed that the MSA was located incorrectly due to a miscommunication with the contractor. CNGC has stated that a meeting will be held with the gas customer and a better MSA location will be established. CNGC will document the new meter location and provide the info to staff when complete.</p> <p>Follow-up: Staff has verified the new meter location (see pict - File2)</p>
01-30-2020	David Cullom	CNG - Aberdeen - 7898	Other		Michels	
01-30-2020	Anthony Dorough	CNG - Bremerton - 7900	Main Extension	Keith Pearson	Michels	This is a duplicate - see follow-up in Crew Inspection #2191
01-30-2020	Anthony Dorough	CNG - Bremerton - 7900	New Service	Doug Ihlen	Michels	
01-30-2020	David Cullom	CNG - Aberdeen - 7898	New Service		Michels	
01-23-2020	Derek Norwood	CNG - Bremerton - 7900	New Service		Michels	
01-23-2020	Derek Norwood	CNG - Bremerton - 7900	Other		Michels	
01-23-2020	Derek Norwood	CNG - Bremerton - 7900	Other		Michels	
01-13-2020	Scott Anderson	CNG - Mount Vernon - 7904				
01-13-2020	Scott Anderson	CNG - Mount Vernon - 7904			Michels	
01-13-2020	Scott Anderson	CNG - Mount Vernon - 7904			Michels	
01-13-2020	Scott Anderson	CNG - Mount Vernon - 7904			Michels	
01-13-2020	Scott Anderson	CNG - Mount Vernon - 7904			Michels	
01-13-2020	Scott Anderson	CNG - Mount Vernon - 7904			Michels	

[Facility Inspection History](#)

[Link for Full List of Facility Inspections](#)

Date	Inspection ID	Form A Operator Name	Other Company	Inspector	Type of Inspection	Do you have inspection pictures or file attachments?
No facility inspections found						

Scheduled Inspection History

Annual Review Inspection History

Year of Inspection	Facility - Operator	Unit Name	Inspection ID	Inspection Type	Inspection Status	Closed Date	Next Inspection Interval	SHAREPOINT
<b>Cascade Natural Gas Corporation (74 Inspections)</b>								
2021	Cascade Natural Gas Corporation	CNG- Bremerton District	8252	Standard Comprehensive - GD	Complete	10-04-2021	09-22-2024	Documents
2021	Cascade Natural Gas Corporation	CNG- Longview District	8253	Standard Comprehensive - GD	Complete	07-20-2021	04-29-2024	Documents
2021	Cascade Natural Gas Corporation	CNG- Mount Vernon District	8254	Standard Comprehensive - GD	Pending			Documents
2021	Cascade Natural Gas Corporation	CNG- Sunnyside	8255	Standard Comprehensive - GD	Complete	07-06-2021	06-23-2024	Documents
2021	Cascade Natural Gas Corporation	CNG- Moses Lake	8256	Standard Comprehensive - GD	In the Workflow	10-19-2021	08-26-2024	Documents
2021	Cascade Natural Gas Corporation	CNG- Wenatchee District- Wenatchee	8257	Standard Comprehensive - GD	Complete	09-16-2021	08-24-2024	Documents
2021	Cascade Natural Gas Corporation	CNG- Headquarters	8258	OM PPR GAS - Operations & Maintenance, Plans & Procedures Review	Complete	02-03-2021	01-27-2025	Documents
2021	Cascade Natural Gas Corporation	CNG- Headquarters	8259	Pipe Replacement Plan	Complete	08-26-2021	07-16-2023	Documents
2021	Cascade Natural Gas Corporation	CNG- Headquarters	8260	Standard - Annual Review	Pending			Documents
2021	Cascade Natural Gas Corporation	CNG- Walla Walla District	8328	Incident Investigation	Complete	09-15-2021	09-14-2021	Documents
2020	Cascade Natural Gas Corporation	CNG- Headquarters	7863	Compliance Investigation and Follow Up	Pending			Documents
2020	Cascade Natural Gas Corporation	CNG- Aberdeen District	8049	Standard Comprehensive - GD	Complete	12-29-2020	11-06-2023	Documents
2020	Cascade Natural Gas Corporation	CNG- Kennewick District	8050	Standard Comprehensive - GD	Complete	11-23-2020	11-18-2023	Documents
2020	Cascade Natural Gas Corporation	CNG- Headquarters	8051	OQ - Operator Qualification	Complete	02-26-2020	02-25-2024	Documents
2020	Cascade Natural Gas Corporation	CNG- Transmission	8052	Standard Comprehensive - GT	Waiting for Compliance		08-10-2023	Documents
2020	Cascade Natural Gas Corporation	CNG- Transmission	8053	TIMP - Gas Transmission Integrity Management	Complete	02-05-2020	01-29-2023	Documents
2020	Cascade Natural Gas Corporation	CNG- Headquarters	8054	DIMP - Gas Distribution Integrity Management	Complete	01-16-2020	01-14-2023	Documents
2020	Cascade Natural Gas Corporation	CNG- Headquarters	8055	Standard - Annual Review	Complete	01-16-2020	01-14-2021	Documents
2020	Cascade Natural Gas Corporation	CNG- Aberdeen District	8137	Incident Investigation	Complete	02-04-2020	01-22-2020	Documents
2020	Cascade Natural Gas Corporation	CNG- Headquarters	8149	CRM - GAS	Complete	05-17-2021	11-17-2024	Documents
2020	Cascade Natural Gas Corporation	CNG- Headquarters	8152	Design, Testing & Construction - Gas	Complete	04-10-2020	03-11-2021	Documents
2020	Cascade Natural Gas Corporation	CNG- Walla Walla District	8164	Design, Testing & Construction - Gas	Complete	05-07-2020	04-23-2021	Documents
2020	Cascade Natural Gas Corporation	CNG- Bremerton District	8203	Incident Investigation	Complete	11-24-2020	05-28-2020	Documents
2019	Cascade Natural Gas Corporation	CNG- Yakima District	7809	Standard Comprehensive - GD	Complete	10-16-2019	09-27-2022	Documents
2019	Cascade Natural Gas Corporation	CNG- Walla Walla District	7807	Standard Comprehensive - GD	Complete	04-15-2019	04-05-2022	Documents
2019	Cascade Natural Gas Corporation	CNG- Shelton	7810	Standard Comprehensive - GD	Complete	07-29-2019	07-10-2022	Documents
2019	Cascade Natural Gas Corporation	CNG- Headquarters	7811	DA - Drug & Alcohol	Complete	09-18-2019	08-29-2023	Documents
2019	Cascade Natural Gas Corporation	CNG- Headquarters	7812	Pipe Replacement Plan	Complete	09-26-2019	08-08-2021	Documents
2019	Cascade Natural Gas Corporation	CNG- Headquarters	7813	Standard - Annual Review	Complete	10-09-2019	09-24-2020	Documents
2019	Cascade Natural Gas Corporation	CNG- Bellingham District	7808	Standard Comprehensive - GD	Complete	06-06-2019	05-17-2022	Documents
2019	Cascade Natural Gas Corporation	CNG- Mount Vernon District	7927	Design, Testing & Construction - Gas	Complete	01-16-2020	01-06-2021	Documents
2019	Cascade Natural Gas Corporation	CNG- Headquarters	7990	PA - Public Awareness	Complete	11-21-2019	11-14-2023	Documents
2019	Cascade Natural Gas Corporation	CNG- Kennewick District	8008	Design, Testing & Construction - Gas	Complete	12-05-2019	11-14-2020	Documents

Year of Inspection	Facility - Operator	Unit Name	Inspection ID	Inspection Type	Inspection Status	Closed Date	Next Inspection Interval	SHAREPOINT
2019	Cascade Natural Gas Corporation	CNG- Bellingham District	8012	Incident Investigation	Complete	11-19-2019	10-10-2019	Documents
2019	Cascade Natural Gas Corporation	CNG- Moses Lake	8116	Incident Investigation	Complete	11-20-2019	11-08-2019	Documents
2019	Cascade Natural Gas Corporation	CNG- Mount Vernon District	8117	Incident Investigation	Complete	07-01-2020	05-07-2020	Documents
2018	Cascade Natural Gas Corporation	CNG- Wenatchee District- Wenatchee	7544	Standard Comprehensive - GD	Complete	08-30-2018	08-15-2021	Documents
2018	Cascade Natural Gas Corporation	CNG- Sunnyside	7542	Standard Comprehensive - GD	Complete	11-20-2018	11-08-2021	Documents
2018	Cascade Natural Gas Corporation	CNG- Mount Vernon District	7545	Standard Comprehensive - GD	Complete	05-22-2018	05-10-2021	Documents
2018	Cascade Natural Gas Corporation	CNG- Moses Lake	7543	Standard Comprehensive - GD	Complete	08-30-2018	08-15-2021	Documents
2018	Cascade Natural Gas Corporation	CNG- Longview District	7602	Standard Comprehensive - GD	Complete	03-09-2018	03-01-2021	Documents
2018	Cascade Natural Gas Corporation	CNG- Kennewick District	7546	Standard Comprehensive - GD	Complete	12-05-2018	11-29-2021	Documents
2018	Cascade Natural Gas Corporation	CNG- Headquarters	7540	DIMP - Gas Distribution Integrity Management	Complete	12-19-2018	12-12-2021	Documents
2018	Cascade Natural Gas Corporation	CNG- Headquarters	7770	Incident Investigation	Complete	10-09-2018	09-16-2018	Documents
2018	Cascade Natural Gas Corporation	CNG- Headquarters	7862	Compliance Investigation and Follow Up	Complete			Documents
2018	Cascade Natural Gas Corporation	CNG- Bremerton District	7541	Standard Comprehensive - GD	Complete	04-17-2018	04-12-2021	Documents
2018	Cascade Natural Gas Corporation	CNG- Yakima District	7874	Incident Investigation	Complete	12-05-2018	11-06-2018	Documents
2017	Cascade Natural Gas Corporation	CNG- Yakima District	7339	Design, Testing & Construction - Gas	Complete	03-16-2017	02-07-2018	Documents
2017	Cascade Natural Gas Corporation	CNG- Wenatchee District- Wenatchee	7434	Incident Investigation	Complete	12-18-2017	04-27-2017	Documents
2017	Cascade Natural Gas Corporation	CNG- Transmission	6778	Standard Comprehensive - GT	Complete	11-08-2017	10-11-2020	Documents
2017	Cascade Natural Gas Corporation	CNG- Mount Vernon District	7447	Incident Investigation	Complete	10-11-2017	08-07-2017	Documents
2017	Cascade Natural Gas Corporation	CNG- Longview District	7586	Compliance Investigation and Follow Up	Complete	12-18-2017	11-08-2017	Documents
2017	Cascade Natural Gas Corporation	CNG- Transmission	7237	TIIMP - Gas Transmission Integrity Management	Complete	12-04-2017	09-28-2020	Documents
2017	Cascade Natural Gas Corporation	CNG- Headquarters	7238	OM PPR GAS - Operations & Maintenance, Plans & Procedures Review	Complete	11-16-2017	11-09-2021	Documents
2017	Cascade Natural Gas Corporation	CNG- Headquarters	7244	CRM - GAS	Complete	12-22-2017	10-25-2021	Documents
2017	Cascade Natural Gas Corporation	CNG- Headquarters	7269	OQ - Operator Qualification	Complete	10-27-2017	09-25-2021	Documents
2017	Cascade Natural Gas Corporation	CNG- Headquarters	7453	Pipe Replacement Plan	Complete	10-26-2017		Documents
2017	Cascade Natural Gas Corporation	CNG- Aberdeen District	7270	Standard Comprehensive - GD	Complete	12-14-2017	09-14-2020	Documents
2016	Cascade Natural Gas Corporation	CNG- Yakima District	6775	Standard Comprehensive - GD	Complete	12-28-2016	10-19-2019	Documents
2016	Cascade Natural Gas Corporation	CNG- Yakima District	6886	Design, Testing & Construction - Gas	Complete	10-20-2017	02-19-2017	Documents
2016	Cascade Natural Gas Corporation	CNG- Yakima District	7106	Design, Testing & Construction - Gas	Complete	12-06-2016	11-08-2017	Documents
2016	Cascade Natural Gas Corporation	CNG- Walla Walla District	6777	Standard Comprehensive - GD	Complete	12-05-2016	09-02-2019	Documents
2016	Cascade Natural Gas Corporation	CNG- Longview District	6776	Standard Comprehensive - GD	Complete	06-15-2016	06-09-2019	Documents
2016	Cascade Natural Gas Corporation	CNG- Bremerton District	7030	Compliance Investigation and Follow Up	Complete	01-05-2017		Documents
2016	Cascade Natural Gas Corporation	CNG- Bellingham District	6774	Standard Comprehensive - GD	Complete	01-20-2017	11-17-2019	Documents
2016	Cascade Natural Gas Corporation	CNG- Aberdeen District	6853	Design, Testing & Construction - Gas	Complete	04-29-2016	02-24-2017	Documents
2015	Cascade Natural Gas Corporation	CNG- Wenatchee District- Wenatchee	6213	Standard Comprehensive - GD	Complete	10-12-2015	08-26-2018	Documents
2015	Cascade Natural Gas Corporation	CNG- Moses Lake	6212	Standard Comprehensive - GD	Complete	10-12-2015	08-27-2018	Documents
2015	Cascade Natural Gas Corporation	CNG- Longview District	6349	Design, Testing & Construction - Gas	Complete	07-06-2015	04-13-2016	Documents
2015	Cascade Natural Gas Corporation	CNG- Kennewick District	6214	Standard Comprehensive - GD	Complete	12-29-2015	10-07-2018	Documents
2015	Cascade Natural Gas Corporation	CNG- Kennewick District	6320	Design, Testing & Construction - Gas	Complete	05-28-2015	03-25-2016	Documents

Year of Inspection	Facility - Operator	Unit Name	Inspection ID	Inspection Type	Inspection Status	Closed Date	Next Inspection Interval	SHAREPOINT
2015	Cascade Natural Gas Corporation	CNG- Bremerton District	6211	Standard Comprehensive - GD	Complete	03-12-2015	03-05-2018	Documents
2015	Cascade Natural Gas Corporation	CNG- Bremerton District	6542	Incident Investigation	Complete	12-31-2015		Documents
2015	Cascade Natural Gas Corporation	CNG- Bellingham District	6333	Design, Testing & Construction - Gas	Complete	05-28-2015	04-13-2016	Documents

**GAS System Operations History**

**Annual Report - Miles of Main**

Year	SYSTEM TOTAL Miles of Main	Miles of Service	SYSTEM TOTAL NO. of Services	Average Service Length
2020	4893.27	3,003.39	224,967	70.49
2019	4800.62	2,972.17	224,507	69.9
2018	4932.74	2,947.65	221,925	70.13
2017	4862.98	2,909.54	217,968	70.48
2016	4805.37	5,781.31	214,967	142
2015	4744	6,064.34	212,051	151

**Annual Report GAS Transmission Miles**

YEAR	Total Total Miles	e. Total tool mileage inspected in calendar year using in-line inspection tools
2020	146.288	0
2019	162.8	0
2019	162.8	0
2018	164.9	0
2015	168.5	0
2016	168.39	0
2017	167.25	0
<b>TOT</b>	<b>1140.928</b>	<b>0</b>

**Annual Report - Leaks**

Year	Cause of Leak Mains Total	Cause of Leak Mains Hazardous Total	Cause of Leak Services Total	Cause of Leak Services Hazardous Total	NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR
2020	61	36	1059	211	347
2019	63	46	1175	212	452
2018	120	58	1227	157	426
2017	91	31	1361	170	339
2016	125	50	1792	170	538
2015	96	33	2013	194	294

**Annual Report - EFV**

Operator	Year	Number of EFV's Installed This Calendar Year on Single Family Residential Services:	Estimated Number of EFV's in the system at the End of The Year:	Total Number of Services with EFV Installed During Year:	Estimated Number of Services with EFV In The System At The End Of The Year:	* Total Number of Manual Service Line Shut-off Valves Installed During Year:	* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year:
No reports found							

**HL System Operations History**

**HL Annual Report - Miles of Pipe by Decade**

YEAR	Operator	Commodity Group	Part I - Total Miles of Pipe by Decade	Unknown	Pre-20s	1920-1929	1930-1939	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989
No reports found												

**HL Annual Report - HL Miles / HCAs**

YEAR	Operator	Commodity Group	Total Segment Miles that Could Affect HCAs	High Population	Other Population	Drinking Water	Ecological Resource	Comm Navigable Water
No reports found								

**HL Annual Report - Breakout Tanks**

YEAR	Operator	Commodity Group	Crude Oil #5	Refined (nor HVL #2)
No reports found				

**ANNUAL REPORT: ACCURACY/TRENDS**

**Question #1.**

Was the Annual Report reviewed for accuracy and trends? If any trends were discovered, please describe.

**1. Notes**

The annual reports were reviewed for 2019 and 2020. No trends were identified.

**1. Result**

Satisfactory

**Access to Complete Distribution Annual Report**

Year	SYSTEM TOTAL Miles of Main	Miles of Service	SYSTEM TOTAL NO. of Services	Average Service Length
2020	4893.27	3,003.39	224,967	70.49

**Access to Complete Transmission Annual Report**

YEAR	Operator	Commodity Group	Total Total Miles
No reports found			

**Access to Complete Hazardous Liquid Annual Report**

YEAR	Operator	Commodity Group
No reports found		

Year	SYSTEM TOTAL Miles of Main	Miles of Service	SYSTEM TOTAL NO. of Services	Average Service Length
2019	4800.62	2,972.17	224,507	69.9
2018	4932.74	2,947.65	221,925	70.13
2017	4862.98	2,909.54	217,968	70.48
2016	4805.37	5,781.31	214,967	142
2015	4744	6,064.34	212,051	151

YEAR	Operator	Commodity Group	Total Total Miles
Cascade Natural Gas Corporation (7 Reports)			
2020	Cascade Natural Gas Corporation	Natural Gas	146.288
2019	Cascade Natural Gas Corporation	Natural Gas	162.8
2019	Cascade Natural Gas Corporation	Natural Gas	162.8
2018	Cascade Natural Gas Corporation	Natural Gas	164.9
2015	Cascade Natural Gas Corporation	Natural Gas	168.5
2016	Cascade Natural Gas Corporation	Natural Gas	168.39
2017	Cascade Natural Gas Corporation	Natural Gas	167.25

**DAMAGE PREVENTION**

**Annual Report Damage Prevention data**

Year	Operator	Number of Excavation Tickets	Total Number of Excavation Damages By Apparent Root Cause:	Locating Practices Not Sufficient:	One-Call Notification Practices Not Sufficient:	Excavation Practices Not Sufficient:	Other:	Number of Services	Total Leaks - Excavation Damage	Total Main Leaks	Miles of Service MAIN	Number of Leaks per Mile of MAIN	Total Leaks Per 1,000 Locates
2020	Cascade Natural Gas Corporation	61,556	184	7	102	73	2	224,967	119	70	4893.27		1.93319903827
2019	Cascade Natural Gas Corporation	61,553	204	3	115	79	7	224,507					
2018	Cascade Natural Gas Corporation	59,628	231	16	103	111	1	221,925					
2017	Cascade Natural Gas Corporation	52,697	149	5	67	65	12	217,968					
2016	Cascade Natural Gas Corporation	46,819	187	27	78	70	12	214,967					
2015	Cascade Natural Gas Corporation	43,292	173	5	80	71	17	212,051					

**DIRT data on mismarks for prior year**

Damage Cause	Number of Reports
No records found	

**DIRT Timeliness - Prior Year Reports must be submitted within 45 days of the damage.**

SubmitCompanyID - UTCfinalName	Number of Reports
No records found	

**Question #2.**

Review the following damage prevention items:

**Q2. Is the damage prevention information in the annual report complete?**  
 http://Yes. 2019 and 2020 annual reports were reviewed.

**Q2.d Does the operator follow a process to evaluate the cause of "Locating practices not sufficient" category?**  
 Yes

**Q2.g. What is the number of damages resulting from mismarks?**  
 7

**Q2.j. Are mapping corrections timely and according to written procedures?**  
 Yes. Mapping corrections were reviewed during 2021 and 2020 unit inspections.

**2. Notes**

CNG did not have a more in depth break down for Q2.h

**Q2.b. Is the annual report damages root cause information complete and accurate?**  
 Yes

**Q2.e. Is the operator or its contractor qualified and following procedures for locating and marking facilities?**  
 Yes

**Q2.h. What is the number of damages resulting from not locating within the time requirements?**  
 Not broken down at this time.

**Q2.k. Does the operator follow a process to evaluate causes for damages listed "Excavation Practices Not Sufficient"?**  
 Yes

**Q2.c. Does the operator have a process not sufficient" category?**  
 Yes

**Q2.f. Is the operator appropriately re-qualified as needed?**  
 Locators are requalified as needed and

**Q2.i. Is the operator appropriately address the damage?**  
 Yes

**Q2.l. Is the operator appropriately address the causes of excavation dam**  
 Yes

**NPMS SUBMISSIONS/CHANGES**

**Question #3.**

For transmission operators, has the operator submitted information to the NPMS database, along with changes made after the original submission? Satisfactory

**3. Notes**

(49 U.S. Code § 60132 - National pipeline mapping system)

NPMS mapping submissions were reviewed during unit inspections in 2020 and 2021.

The 2021 submission was made on

**3. Result**



INCIDENT/SRC/AOC REPORTS REVIEW

Question #4

Were there any federally reportable incidents during the previous year? Are there any discernable trends to these incidents?

4. Results  
Satisfactory

4. Notes

Yes.

Notification 3891, NRC #1310098 at the intersection of Foster Wells Rd and Capital Ave in Pasco. (07/08/2021). This incident was reportable due to a natural gas release of over 3mmcf.

There are no discernible trends although CNG should be monitored for the time it takes them to shut down blowing gas after a policy change that does not allow employees to enter a gaseous atmosphere.

This policy was implemented after an employee was injured in an explosion resulting from a damaged and leaking riser.

Q4: Federally reportable incidents

NotificationID	Operator	Company	NRC #	Assigned Engineer	Date & Time of Incident	Street Address of event/incident	Incident Address: City	Closure Date	Reporting Level
3891	Cascade Natural Gas Corporation	Cascade Natural Gas Corporation	1310098	Lex Vinsel	07-08-2021 12:00 PM	Intersection of Foster Wells Road & Capital Ave	Pasco	09-02-2021	Federal
3627	Cascade Natural Gas Corporation	Cascade Natural Gas Corporation		Dennis Ritter	01-06-2020 12:00 AM	Basich Blvd at Skyline Rd	Aberdeen	02-03-2020	Federal
3606	Cascade Natural Gas Corporation	Cascade Natural Gas Corporation	1264834	Derek Norwood	11-25-2019 06:50 AM	908 E Fulton St	Mount Vernon	07-01-2020	Federal
3595	Cascade Natural Gas Corporation	Cascade Natural Gas Corporation		Scott Rukke	10-22-2019 11:00 AM	710 N. Stratford Rd	Moses Lake	11-19-2019	Federal
3562	Cascade Natural Gas Corporation	Cascade Natural Gas Corporation		Scott Rukke	09-01-2019 02:30 AM	911 Hampton Rd	Lynden	10-10-2019	Federal
3156	Cascade Natural Gas Corporation	Cascade Natural Gas Corporation	1,178,094	Scott Anderson	05-10-2017 11:41 PM	Gear Rd at Old Hwy 99 N-R18			Federal
3112	Cascade Natural Gas Corporation	Cascade Natural Gas Corporation	1,169,311	Scott Rukke	01-19-2017 07:24 AM	1317 South Hills Ave			Federal
3115	Cascade Natural Gas Corporation	Cascade Natural Gas Corporation	1,226,675	Scott Rukke	01-18-2017 03:21 PM	221 N 16 Avenue	Yakima	12-05-2018	Federal
2906	Cascade Natural Gas Corporation	Cascade Natural Gas Corporation	1,126,041	Dennis Ritter	08-18-2015 08:25 PM	3400 11th St			Federal

Question #5.

Review operator records of previous year's accidents and failures including reported third party damage and leak response. Is the operator ensuring appropriate evaluation and response as required in 192.617 (Gas) or 195.402 (HL) to determine cause of failure? Is the operator taking appropriate steps to minimize the possibility of recurrence?

5. Result  
Satisfactory

5. Notes

The previous years accidents and failures were reviewed during unit inspections conducted in 2020 and 2021.

Response, evaluation and investigations were appropriate.

Question #6.

Review incident reports for the previous year for accuracy and identify any trends. If any trends discovered please describe. (Please see list of incident data at end of this report)

6. Result  
Satisfactory

Q6: Incident Reports

NotificationID	Inspector	Company	Street Address of event/incident	Date & Time of Incident	Is 30-Day Report Received?	Reporting Level
	David Cullom	Cascade Natural Gas Corporation	1314 Fairbanks Ave	10-20-2021 05:45 AM	<input type="checkbox"/>	
	David Cullom	Cascade Natural Gas Corporation	809 Ayers St	10-18-2021 06:20 PM	<input type="checkbox"/>	
3941	Scott Rukke	Cascade Natural Gas Corporation	7204 Hawksview Dr	10-13-2021 10:15 AM	<input type="checkbox"/>	
3939	Scott Rukke	Cascade Natural Gas Corporation	705 W. 3rd St	10-12-2021 10:10 AM	<input type="checkbox"/>	
3931	Anthony Dorrough	Cascade Natural Gas Corporation	Ogden road	09-30-2021 09:30 AM	<input type="checkbox"/>	
3922	Lex Vinsel	Cascade Natural Gas Corporation	1303 Curtis St	09-13-2021 03:45 AM	<input type="checkbox"/>	
3923	David Cullom	Cascade Natural Gas Corporation	6619 Argos St	09-04-2021 09:45 AM	<input checked="" type="checkbox"/>	
3908	Darren Tinnerstet	Cascade Natural Gas Corporation	312 NE Redwood Place	08-09-2021 02:35 PM	<input type="checkbox"/>	Non-Reportable
3907	Derek Norwood	Cascade Natural Gas Corporation	306 S 1st St	08-08-2021 08:30 PM	<input type="checkbox"/>	
3906	Derek Norwood	Cascade Natural Gas Corporation	1502 39th St	08-08-2021 10:00 AM	<input type="checkbox"/>	
3899	Anthony Dorrough	Cascade Natural Gas Corporation	1358 Downriver Drive	07-26-2021 12:03 PM	<input checked="" type="checkbox"/>	State
3898	David Cullom	Cascade Natural Gas Corporation	920 Howard St	07-15-2021 09:20 PM	<input checked="" type="checkbox"/>	State
3895	David Cullom	Cascade Natural Gas Corporation	1321 W Bakerview Rd	07-13-2021 12:13 PM	<input checked="" type="checkbox"/>	State

NotificationID	Inspector	Company	Street Address of event/incident	Date & Time of Incident	Is 30-Day Report Received?	Reporting Level
3894	David Cullom	Cascade Natural Gas Corporation	6436 Yorktown PI NE	07-13-2021 11:09 AM	<input checked="" type="checkbox"/>	
3891	Lex Vinsel	Cascade Natural Gas Corporation	Intersection of Foster Wells Road & Capital Ave	07-08-2021 12:00 PM	<input checked="" type="checkbox"/>	Federal
3887	Scott Anderson	Cascade Natural Gas Corporation	1416 Baker Heights Lp.	07-02-2021 11:06 AM	<input checked="" type="checkbox"/>	State
3885	Scott Anderson	Cascade Natural Gas Corporation	17721 59th Ave NE	06-29-2021 09:23 AM	<input checked="" type="checkbox"/>	State
3869	Anthony Dorrough	Cascade Natural Gas Corporation	214 E Main St Unit #4	05-30-2021 08:15 AM	<input checked="" type="checkbox"/>	State
3861	Scott Anderson	Cascade Natural Gas Corporation	SR 125 & Dalles Military Rd.	05-25-2021 04:39 PM	<input type="checkbox"/>	
3875	David Cullom	Cascade Natural Gas Corporation	6012 West Clearwater	05-14-2021 03:31 AM	<input checked="" type="checkbox"/>	
3888	Dennis Ritter	Cascade Natural Gas Corporation	3419 Almira Dr	05-07-2021 10:14 AM	<input checked="" type="checkbox"/>	
3850	Scott Rukke	Cascade Natural Gas Corporation	622 Alder St	04-26-2021 08:28 AM	<input checked="" type="checkbox"/>	State
3846	Anthony Dorrough	Cascade Natural Gas Corporation	825 N Stratford Road	04-20-2021 10:48 PM	<input checked="" type="checkbox"/>	State
3844	Anthony Dorrough	Cascade Natural Gas Corporation	79 Veys Drive	04-20-2021 08:30 AM	<input checked="" type="checkbox"/>	State
3843	Derek Norwood	Cascade Natural Gas Corporation	6420 Chico Way	04-15-2021 04:25 PM	<input checked="" type="checkbox"/>	State
3842	Derek Norwood	Cascade Natural Gas Corporation	1548 Spruce Ave	04-15-2021 01:53 PM	<input checked="" type="checkbox"/>	State
3839	Derek Norwood	Cascade Natural Gas Corporation	2930 Old Hwy 99 S	04-13-2021 10:30 AM	<input checked="" type="checkbox"/>	State
3825	Anthony Dorrough	Cascade Natural Gas Corporation	Walnut St & N Rogers Dr	02-15-2021 08:00 AM	<input checked="" type="checkbox"/>	State
3823	Anthony Dorrough	Cascade Natural Gas Corporation	(intersection) Hwy 539 & W Wiser Lake Rd	02-11-2021 08:45 AM	<input checked="" type="checkbox"/>	State
3820	Anthony Dorrough	Cascade Natural Gas Corporation	1012 W Mead Ave	02-09-2021 05:06 AM	<input checked="" type="checkbox"/>	State
3817	Dennis Ritter	Cascade Natural Gas Corporation	13583 Wheeler Rd NE	01-27-2021 01:15 PM	<input checked="" type="checkbox"/>	State
3815	Dennis Ritter	Cascade Natural Gas Corporation	2539 Schley Blvd	01-25-2021 09:48 AM	<input checked="" type="checkbox"/>	State
3813	David Cullom	Cascade Natural Gas Corporation	Yakima Valley Hwy and Cheyneh Rd	01-19-2021 02:50 PM	<input checked="" type="checkbox"/>	
3818	Scott Rukke	Cascade Natural Gas Corporation	789 N. Central Drive	01-04-2021 11:45 AM	<input checked="" type="checkbox"/>	State
3778	Darren Tinnerstet	Cascade Natural Gas Corporation	1018 Good Rd.	11-03-2020 05:00 PM	<input checked="" type="checkbox"/>	State
3767	Anthony Dorrough	Cascade Natural Gas Corporation	80th Ave NW & 284th St NW	10-27-2020 12:00 AM	<input type="checkbox"/>	State
3765	Derek Norwood	Cascade Natural Gas Corporation	199 Cascade Mall Dr	10-20-2020 07:35 PM	<input type="checkbox"/>	Non-Reportable
3775	Dennis Ritter	Cascade Natural Gas Corporation	1304 Bay St	10-17-2020 08:40 PM	<input type="checkbox"/>	Non-Reportable
3755	David Cullom	Cascade Natural Gas Corporation	NW Reliant and NW Marketplace	09-30-2020 12:07 PM	<input checked="" type="checkbox"/>	State
3771	Anthony Dorrough	Cascade Natural Gas Corporation	303 W 10th St	09-22-2020 02:36 PM	<input checked="" type="checkbox"/>	State
3751	Darren Tinnerstet	Cascade Natural Gas Corporation	115 N 38th Place	09-12-2020 05:00 PM	<input checked="" type="checkbox"/>	State
3773	Scott Anderson	Cascade Natural Gas Corporation	303 S 2nd St	09-03-2020 06:48 PM	<input type="checkbox"/>	Non-Reportable
3743	Derek Norwood	Cascade Natural Gas Corporation	3805 Scotland Ct	08-27-2020 11:48 AM	<input checked="" type="checkbox"/>	State
3742	Derek Norwood	Cascade Natural Gas Corporation	10408 Silverdale Way NW	08-27-2020 09:41 AM	<input type="checkbox"/>	Non-Reportable
3737	Dennis Ritter	Cascade Natural Gas Corporation	1401 Bombing Range Rd	08-20-2020 12:26 AM	<input checked="" type="checkbox"/>	State
3732	Dennis Ritter	Cascade Natural Gas Corporation	Duportail at Keene Rd	08-18-2020 01:58 PM	<input checked="" type="checkbox"/>	State
3728	Lex Vinsel	Cascade Natural Gas Corporation	213 Harvard Ct NW	08-11-2020 01:00 PM	<input checked="" type="checkbox"/>	State
3725	David Cullom	Cascade Natural Gas Corporation	501 West Clark St	08-03-2020 10:19 AM	<input checked="" type="checkbox"/>	State
3721	Scott Anderson	Cascade Natural Gas Corporation	303 Hawthorne St.	07-28-2020 02:41 PM	<input checked="" type="checkbox"/>	State
3715	Anthony Dorrough	Cascade Natural Gas Corporation	5700 NW Drive #8	07-17-2020 11:46 AM	<input type="checkbox"/>	Non-Reportable

NotificationID	Inspector	Company	Street Address of event/incident	Date & Time of Incident	Is 30-Day Report Received?	Reporting Level
3716	Anthony Dorrough	Cascade Natural Gas Corporation	Reg Station #????	07-10-2020 12:00 AM	<input checked="" type="checkbox"/>	State
3723	Dennis Ritter	Cascade Natural Gas Corporation	1402 Virginia St	07-04-2020 07:00 PM	<input type="checkbox"/>	Non-Reportable
3722	Dennis Ritter	Cascade Natural Gas Corporation	315 Allen St	07-02-2020 06:50 PM	<input type="checkbox"/>	Non-Reportable
3698	Darren Tinnerstet	Cascade Natural Gas Corporation	1255 East McCloud Rd.	06-19-2020 09:25 AM	<input checked="" type="checkbox"/>	State
3697	Darren Tinnerstet	Cascade Natural Gas Corporation	603 Hyatt place	06-17-2020 03:20 AM	<input type="checkbox"/>	Non-Reportable
3695	Darren Tinnerstet	Cascade Natural Gas Corporation	14873 Beaver Lake Rd.	06-16-2020 12:15 AM	<input checked="" type="checkbox"/>	State
3694	David Cullom	Cascade Natural Gas Corporation	Mt Vernon Gate Station @ 14839 Beaver Lake Rd	06-14-2020 01:55 PM	<input checked="" type="checkbox"/>	Non-Reportable
3693	David Cullom	Cascade Natural Gas Corporation	18304 31ST Ave Ne	06-12-2020 09:46 AM	<input checked="" type="checkbox"/>	State
3692	David Cullom	Cascade Natural Gas Corporation	400 Elm St.	06-10-2020 08:00 AM	<input checked="" type="checkbox"/>	State
3676	Anthony Dorrough	Cascade Natural Gas Corporation	Grand Ridge & Pleasant Ave	05-27-2020 08:30 AM	<input checked="" type="checkbox"/>	State
3673	Darren Tinnerstet	Cascade Natural Gas Corporation	South Lynden Line	05-18-2020 03:00 PM	<input checked="" type="checkbox"/>	State
3672	Darren Tinnerstet	Cascade Natural Gas Corporation	400 Elm St.	05-18-2020 11:30 AM	<input checked="" type="checkbox"/>	State
3670	Scott Rukke	Cascade Natural Gas Corporation	402 W. Goodlander	05-14-2020 09:45 AM	<input checked="" type="checkbox"/>	State
3671	Scott Rukke	Cascade Natural Gas Corporation	1850 E. Isaac Ave	05-14-2020 12:00 AM	<input checked="" type="checkbox"/>	State
3667	Scott Rukke	Cascade Natural Gas Corporation	10718 NW Hillsboro	05-11-2020 02:40 PM	<input checked="" type="checkbox"/>	State
3663	Derek Norwood	Cascade Natural Gas Corporation	6900 191st Pl NE	05-07-2020 11:23 AM	<input checked="" type="checkbox"/>	State
3659	Lex Vinsel	Cascade Natural Gas Corporation	2320 Michigan St	04-16-2020 12:00 AM	<input checked="" type="checkbox"/>	State
3656	Scott Anderson	Cascade Natural Gas Corporation	219 Elm St	04-09-2020 11:24 AM	<input checked="" type="checkbox"/>	State
3654	Scott Rukke	Cascade Natural Gas Corporation	1526 S. 15 St	03-31-2020 07:30 PM	<input checked="" type="checkbox"/>	State
3653	Darren Tinnerstet	Cascade Natural Gas Corporation	2930 N Taylor St. #7	03-28-2020 01:00 PM	<input checked="" type="checkbox"/>	State
3651	Darren Tinnerstet	Cascade Natural Gas Corporation	404 S 48th Ave	03-26-2020 04:00 AM	<input checked="" type="checkbox"/>	State
3644	Derek Norwood	Cascade Natural Gas Corporation	843 NE Mt Mystery Loop	03-17-2020 11:36 AM	<input checked="" type="checkbox"/>	State
3641	Lex Vinsel	Cascade Natural Gas Corporation	3400 Industrial Way	02-27-2020 09:55 PM	<input checked="" type="checkbox"/>	Non-Reportable
3636	Scott Anderson	Cascade Natural Gas Corporation	1589 Bayon Rd.	02-15-2020 06:55 AM	<input type="checkbox"/>	Non-Reportable
3634	Scott Anderson	Cascade Natural Gas Corporation	2256 O' Dell Rd.	02-11-2020 11:36 AM	<input type="checkbox"/>	Non-Reportable
3627	Dennis Ritter	Cascade Natural Gas Corporation	Basich Blvd at Skyline Rd	01-06-2020 12:00 AM	<input checked="" type="checkbox"/>	Federal

**6. Notes**

No incident trends noted.

**Question #7.**

Were there reportable or unreportable safety related conditions during the previous year? If yes please describe.

**Q7: Report of SRCs**

NotificationID	Company	Safety-Related Condition	SafetyRelatedConditionChoices	Reportable?	Date & Time of Incident	Company Notified Date	Report Date
<b>Cascade Natural Gas Corporation (4 Incident notifications)</b>							
3627	Cascade Natural Gas Corporation	<input checked="" type="checkbox"/>	Unintended movement or abnormal loading	Unknown-To be Determined	01-06-2020 12:00 AM	01-03-2020 09:00 AM	01-06-2020 02:46 PM
2251	Cascade Natural Gas Corporation	<input checked="" type="checkbox"/>			01-29-2011 08:10 AM		01-29-2011 03:00 PM
2099	Cascade Natural Gas Corporation	<input checked="" type="checkbox"/>			12-02-2009 08:00 AM		12-03-2009 01:05 PM
2987	Cascade Natural Gas Corporation	<input checked="" type="checkbox"/>	Hazard that causes 20% pressure reduction or shutdown	Non-Reportable	02-19-2016 09:12 AM	02-19-2016 01:12 AM	

**7. Notes**

**7. Result**  
Satisfactory

One reported SRC. Incident number 3267 was investigated on Form H and was made safe within the 5 day window. Reported to PHMSA on 1/3/2021. Bypass installed on 1/8/2021.

**Question #8.**

For transmission systems, were there any abnormal operating conditions (as described in 192.605 (c) or 195.402(d)) since the last annual review? If yes please describe.

**8. Result**  
Not  
Applicable

**8. Notes**

Not applicable to CNG since they operate their transmission lines in conjunction with a distribution system.

192.605(c)(5)

(5) The requirements of this paragraph (c) do not apply to natural gas distribution operators that are operating transmission lines in connection with their distribution system.

**O&M & EMERGENCY PROGRAMS**

**Question #9.**

Is the O&M Manual up to date and were changes made in the previous year?

Operator Manuals on Sharepoint

**9. Result**

Satisfactory

**9. Notes**

Reviewed during various unit inspections conducted in 2020 and 2021. No issues.

CNG's manual is being integrated into other MDU company manuals and has been undergoing major revisions.

**Question #10.**

If changes to the O&M were made, are changes acceptable?

**10. Result**

Satisfactory

**10. Notes**

Changes were acceptable. There are ongoing major revisions being conducted as CNG's manual is integrated together with other MDU company manuals.

**Question #11.**

Were emergency plans changed during the previous year?

**11. Result**

Satisfactory

**11. Notes**

In 2021 CP 925 and CP 750 were retired and replaced OPS 617 and OPS 613 under the major revisions that CNG is going through under MDU.

**Question #12.**

Were any changes to emergency plans satisfactory?

**12. Result**

Satisfactory

**12. Notes**

As of the date of this inspection CNG's emergency Plans are undergoing a major revision under an integration procedure of MDU subsidiary companies. CNG will need to have an O&M inspection after the integration process is completed. It is anticipated the process will be completed by the end of 2021.

**INTEGRITY MANAGEMENT PROGRAMS**

**Question #13**

Were there changes to the Integrity Management programs (TIMP, DIMP or both, as applicable)?

**13. Result**

Satisfactory

**13. Notes**

In 2020 there were changes to TIMP to meet the transmission rule changes. In 2021 there were changes to both TIMP and DIMP. OPS 900 added an ILI assessment procedure.

All changes are documented in their MOC. These changes are in accordance with a major procedural revision being completed by MDU and all of their companies. All processes and procedures are being integrated.

**Question #14.**

Is the DIMP/TIMP up to date? What are the results of the operator's program review (effectiveness evaluation) (DIMP every 5 years)?

**14. Result**

Satisfactory

**14. Notes**

CNG's DIMP effectiveness evaluation was conducted on 7/29/2016.

The current review was completed on 2/25/2021. It is required every 5 years under 7.1 of their written plan. CNG is currently on Revision #4.

**Question #15**

Are IMP program changes acceptable?

**15. Result**

Satisfactory

**15. Notes**

**Question #16**

Was appropriate assessment/ repair work conducted during the past year? (monitor progress of IMP activities)

**16. Results**

Satisfactory

**16. Notes**

In 2020 CNG conducted the ECDA reassessment of 8 HCA's totaling 9,503'.

No assessments performed in 2021.

DIMP high risk pipe is replaced per their biennial pipe replacement program approved by the commission. All work reviewed is on schedule.

**Question #17**

Does the operator's HCA location data correspond to the positional data located in UTC GIS?

**17. Results**

Satisfactory

**17. Notes**

I do not know how to evaluate this and the UTC maps are not updated. A sampling of HCA's were reviewed during the 2020 transmission inspection based on CNG's maps and they were accurate.

We reviewed CNG's GIS mapping system and a sampling of HCA's.

**Question #18**

What assessment work is planned for the upcoming year?

**18. Results**

Satisfactory

**18. Notes**

In 2020 CNG conducted the ECDA reassessment of 8 HCA's totaling 9,503'.

No assessments performed in 2021.

**Question #19**

Within the operator's DIMP, are low pressure systems evaluated for overpressure threats?

**19. Results**

Not Applicable

**19. Notes**

CNG does not have low pressure distribution in WA State.

**Question #20**

Did the operator develop and follow specific procedures for low pressure system construction or maintenance projects? (Note: this question is revisited in greater detail in the ADB review section)

**20. Results**

Not Applicable

**20. Notes**

CNG does not have low pressure distribution in WA State.

**Question #21**

Are plastic pipe and components that have shown a record of defects/leaks being mitigated through the DIMP plans?

**21. Results**

Not Applicable

**21. Notes**

CNG does not have Aldyl-A or PE components that have shown a record of leaks.

**Question #22**

Has appropriate DIMP remediation work occurred during the past year? (monitor progress of DIMP activities)

**22. Results**

Satisfactory

**22. Notes**

CNG replaces higher risk pipelines through the Commission Pipeline Replacement Program.

**Question #23**

What DIMP remediation work is anticipated for upcoming year?

**23. Results**

Satisfactory

**23. Notes**

Cascade has an active steel replacement program of elevated risk steel pipe. Cascade does not have elevated risk PE pipe. In CP 836, CNG follows a sewer crossbore procedure also.

## QO PROGRAM

**Question #24**

Is the OQ program up to date? Were there changes to the Operator Qualification (OQ) program in the last year? If yes, please describe.

**24. Results**

Satisfactory

**24. Notes**

OPS 800 is CNG's OQ plan. Updated once in 2020 and the annual review was completed on 2/25/2021. Changes to the program were made and are adequate.

**Question #25**

Are the OQ plan updates satisfactory?

**25. Results**

Satisfactory

**25. Notes**

Changes to the program were made and are adequate. The OQ plan was realigned with MDU plans and procedures are still being revised. Plans appear to be adequate.

**Question #26**

Are personnel performing covered tasks (including contractors) properly qualified and requalified at intervals determined in the operator's plan?

**26. Results**

Satisfactory

**26. Notes**

During 2021, 6 inspections were conducted in WA State of CNG facilities. During these inspections the OQ qualifications were reviewed for employees that performed covered tasks. All employees reviewed were qualified.

## PUBLIC AWARENESS PROGRAM

**Question #27**

Is the PA program up to date? And were there changes to the Public Awareness (PA) program within the last year?

**27. Results**

Satisfactory

**27. Notes**

No changes were made in 2020. In 2021 the plan was updated with new personnel and contacts, available resources, management support, and section 846 was added to detail other utilities and their contacts.

**Question #28**

Are changes to the PA program satisfactory?

**28. Results**

Satisfactory

**28. Notes**

Yes.

## CONTROL ROOM PROGRAM

**Question #29**

Is the CRM program up to date? And were there changes to the Control Room Management (CRM) program within the last year?

**29. Results**

Satisfactory

**29. Notes**

CP 930 was retired in Dec 2020 and OPS 631 was implemented under the revisions currently happening MDU and their subsidiaries.

CNG had a recent 7 state CRM audit and made recommended changes based on this audit.

**Question #30**

Are the CRM program changes satisfactory?

**30. Results**

Satisfactory

**30. Notes**

Yes.

## SAFETY MANAGEMENT SYSTEM API 1173

**Question #31**

Is the operator developing and implementing an API 1173 Safety Management System?

**31. Results**

Satisfactory

**31. Notes**

MDU has implemented a SMS program 2 years ago and it is currently at a level 3 maturity.

## INSPECTOR ASSESSMENT OF INSPECTION UNITS

**Question #32**

Are inspection units broken down appropriately? Do you recommend any changes to inspection units?

**32. Results**

Satisfactory

**32. Notes**

The Wenatchee and Moses Lake inspection units are currently assigned in the same year. They should be staggered to provide better inspection coverage.

Possibly look at splitting Bellingham which consists of 9 separate towns and cities.

CNG suggests combining Shelton back with Aberdeen which is the way is used to be.

Possible look at splitting CNG's transmission into 2 inspection units. Maybe Bellingham with Mt Vernon and Aberdeen with Bremerton.

**These are suggestions only and will be discussed at a future staff meeting.**

**Q32: List of current inspection units**

Unit Name	Distribution/Transmission	Intrastate or Interstate?	GAS or LIQUID	UTC Unit ID	UTC Operator ID
<b>Cascade Natural Gas Corporation (14 Units)</b>					
CNG- Yakima District	Distribution	Intrastate	Gas	1916	110
CNG- Wenatchee District- Wenatchee	Distribution	Intrastate	Gas	1918	110
CNG- Bremerton District	Distribution	Intrastate	Gas	1919	110
CNG- Longview District	Distribution	Intrastate	Gas	1920	110
CNG- Aberdeen District	Distribution	Intrastate	Gas	1921	110
CNG- Kennewick District	Distribution	Intrastate	Gas	1922	110
CNG- Walla Walla District	Distribution	Intrastate	Gas	1923	110
CNG- Mount Vernon District	Distribution	Intrastate	Gas	1924	110
CNG- Bellingham District	Distribution	Intrastate	Gas	1925	110
CNG- Transmission	Transmission	Intrastate	Gas	1877	110
CNG- Headquarters	Distribution	Intrastate	Gas	75	110
CNG- Moses Lake	Distribution	Intrastate	Gas	1917	110
CNG- Sunnyside	Distribution	Intrastate	Gas	1779	110
CNG- Shelton	Distribution	Intrastate	Gas	1962	110

**OPERATOR'S PUBLIC WEB PAGE**

**Question #33**

For informational purposes: Using the drop down selections available in the "Results" block, indicate whether the operator's web page contains the information listed by placing a check in the box adjacent to all items that are present.

**33. Results**

Q33.A Pipeline Purpose and Reliability ; Q33.B Damage Prevention ; Q33.C Pipe Location Information ; Q33.D How to get additional information ; Q33.E National Pipeline Mapping System ; Q33.F On Call Requirements ; Q33.G Potential Hazards ; Q33.H Prevention Measures ; Q33.I Leak/Damage Recognition ; Q33.J ROW/Encroachment ; Q33.K Pipeline Location Information ; Q33.L Integrity Management Programs ; Q33.M Emergency Preparedness

**33. Notes**

All are present. No issues.

**ADVISORY BULLETIN REVIEW**

**Question #34**

Is there potential for damage to the operator's pipeline facilities caused by flooding, river scour, or channel migration?

ADB 2019-01

ADB 2019-01 Flood Mitigation

**34. Results**

YES

**34. Notes**

No issues.

**Question #35**

If "YES" to Q34, did the operator take appropriate action in accordance with the guidance contained ADB 2019-01? Discuss ADB's guidance with operator's representative, and annotate any concerns.

ADB 2019-01

ADB 2019-01: Flood Mitigation

**35. Results**

Satisfactory

**35. Notes**

OPS MOC 280 addresses. OPS 9 incorporates recommendations from the ADB into OPS 610.

**Question #36**

Is there potential for the operator's system to be damaged by earth movement or other seismic/geological activities?

ADB 2019-02

ADB 2019-02: Earth Movement/Geological Hazards

**36. Results**

YES

**36. Notes**

MOC for reviewing is 305. OPS 610 was modified to incorporate this ADB.

**Question #37**

If "YES" to Q36, did the operator take appropriate action according to ADB 2019-02? Discuss suggested actions from ADB with operator's representative and annotate any concerns.

ADB 2019-02

ADB 2019-02: Earth Movement/Geological Hazards

**37. Results**

Satisfactory

**37. Notes**

Procedure 610 was modified to incorporate the ADB recommendations.

**Question #38**

Does the operator have any indoor meter sets or regulators in their system?

ADB 2020-01

ADB 2020-01 Inside Meter Sets

**38. Results**

Not Applicable

**38. Notes**

None in WA.

**Question #39**

If operator's system has indoor meter sets/regulators, did the operator review ADB 2020-0115? Discuss ADB guidance with operator's representative and annotate any concerns. Particular attention must be given to the operator's plan to conduct leak surveys, AC inspections, and other maintenance activities in locations that are difficult to access, as well as the inclusion of inside meters/regulators within the operator's DIMP plan, as applicable.

ADB 2020-01

ADB 2020-01 Inside Meter Sets

**39. Results**

Not Applicable

**39. Notes**

None in WA

**Question #40**

Does the operator have a detailed record of locations for all indoor meter sets/regulators within their system?

ADB 2020-01

ADB 2020-01 Inside Meter Sets

**40. Results**

Not Applicable

**40. Notes**

None in WA

**Question #41**

Does the operator have any low pressure systems?

ADB 2020-02

ADB 2020-02 Low Pressure Systems

**41. Results**

Not Applicable

**41. Notes**

CNG does not have low pressure in WA State.

**Question #42**

If "YES" to Q41, did the operator review ADB 2020-0025 for Overpressure Protection of Low-Pressure Natural Gas Distribution Systems? Review ADB guidance with operator and annotate any concerns.

ADB 2020-02

ADB 2020-02 Low Pressure Systems

**42. Results**

Not Applicable

**42. Notes**

CNG does not have low pressure in WA State.

**Question #43**

For low pressure construction/maintenance projects, does the operator have a process for review of engineering plans and constructibility reviews that are carried out through all applicable departments? Do all applicable departments review project plans for accuracy, completeness and correctness? How are control procedures developed that could identify system threats that could result in a common failure mode? How is the operator mitigating risk in their low pressure system?

ADB 2020-02

ADB 2020-02 Low Pressure Systems

**43. Results**

Not Applicable

**43. Notes**

CNG does not have low pressure in WA State.

**Question #44**

Does the operator include all low-pressure system risks in their DIMP program appropriately?

ADB 2020-02

ADB 2020-02 Low Pressure Systems

**44. Results**

Not Applicable

**44. Notes**

CNG does not have low pressure in WA State.

## ▼ SUMMARY OF REQUIRED COMMENTS

**COMMENTS: Required for any ratings other than Satisfactory. Summarize/consolidate entries from the "Notes" blocks above. Ensure you annotate the question number for each comment.**

**Question #2.h.** CNG did not have a break down that contained this information. Not required by code.

**Question #8. Not Applicable.** Not applicable to CNG since they operate their transmission lines in conjunction with a distribution system. 192.605(c)(5) *The requirements of this paragraph (c) do not apply to natural gas distribution operators that are operating transmission lines in connection with their distribution system.*

**Question #19. Not Applicable.** CNG does not have low pressure in WA State.

**Question #20. Not Applicable.** CNG does not have low pressure in WA State.

**Question #21. Not Applicable.** CNG does not have Aldyl-A or PE components that have shown a record of leaks.

**Question #32. Satisfactory. These are suggestions only and will be discussed at a future staff meeting.**

The Wenatchee and Moses Lake inspection units are currently assigned to be inspected in the same year. They should be staggered to provide better inspection coverage. Possibly look at splitting Bellingham which consists of 9 separate towns and cities into 2 inspection units. CNG suggests combining Shelton back with Aberdeen which is the way is used to be. I agree, Shelton is very small. Possible look at splitting CNG's transmission into 2 inspection units. Maybe Bellingham with Mt Vernon and Aberdeen with Bremerton.

**Question #38. Not Applicable.** CNG has no indoor meter sets in WA State.

**Question #39. Not Applicable.** CNG has no indoor meter sets in WA State.

**Question #40. Not Applicable.** CNG has no indoor meter sets in WA State.

**Question #41. Not Applicable.** CNG has no low pressure in WA State.

**Question #42. Not Applicable.** CNG has no low pressure in WA State.

**Question #43. Not Applicable.** CNG has no low pressure in WA State.

**Question #44. Not Applicable.** CNG has no low pressure in WA State.