

Inspection Output (IOR)

Generated on 2024.September.10 10:41

Report Filters

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

Results All

Inspection Information

Inspection Name	8774 - Cascade Natural Gas - Longview Unit	Operator(s)	CASCADE NATURAL GAS CORP (2128)	Plan Submitted	01/23/2024
		Lead	David Cullom	Plan Approval	01/25/2024 by Dennis Ritter
Status	LOCKED	Observer(s)	Lex Vinsel, Anthony Dorrrough, Derek Norwood, Scott Anderson, John Trier, Marina Rathbun, Tom Green, Jason Hoxit	All Activity Start	04/16/2024
Start Year	2024	Supervisor	Dennis Ritter	All Activity End	05/01/2024
System Type	GD	Director	Scott Rukke	Inspection Submitted	05/23/2024
Protocol Set ID	WA.GD.2023.02			Inspection Approval	06/02/2024 by Scott Rukke

Inspection Summary

Inspection Scope and Summary

This standard distribution inspection consisted of a records and field review. The time period of this inspection for records review is 2021 - 2023.

Facilities visited and Total AFOD

(8) AFODs - Assets in the Longview district included rectifiers, AC mitigation couplers, bonds, casings, pressure control devices, .etc

Summary of Significant Findings

There were no probable violations or areas of concern during this inspection.

Primary Operator contacts and/or participants

Colby Lundstrom, colby.lundstrom@mdu.com MDU Compliance Manager

Wendy McDonough, wendy.mcdonough@mdu.com MDU Compliance Specialist

Darren Tinnerstet, darren.tinnerstet@mdu.com MDU Compliance Specialist

Operator executive contact and mailing address for any official correspondence

Mr. Pat Darras

VP, Engineering & Ops Services

400 North 4th Street

Bismarck, North Dakota 58501

Inspection setup as of 1-9-2024 using current protocols. (WA GD Protocol Set Directive: WUTC Standard Inspection) Additionally, Form C will also be used.

Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	90878 (1920)	Cascade Natural Gas-LONGVIEW	unit	90878	Storage Fields Bottle/Pipe - Holders Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric Abandoned	152	152	152	152	100.0%

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

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	90878 (1920)	WUTC Standard Inspection	PRO, PRR, FR, GDIM, LPGIM, MISCTOPICS, GENERIC	P, R, O, S	Detail	--

Plan Implementations

#	Activity Name	SMART Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Asset Types	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1	Records and Field Portion	--	04/16/2024	05/01/2024	WUTC Standard Inspection	PRO, PRR, FR, GDIM, LPGIM, MISCTOPICS, GENERIC	all assets	all types	152	152	152	152	100.0%

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

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

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	Records and Field Portion	COMPLETED	05/15/2024	Records and Field Portion	90878 (1920)

Results (all values, 152 results)

155 (instead of 152) results are listed due to re-presentation of questions in more than one sub-group.

PRO.SUBLNORMOPS: Normal Operating And Maintenance

1. Question Result, ID, References Sat, MO.GO.ODDOR.P, 192.605(a) (192.605(b)(11))

Question Text Does the process require prompt response to the report of a gas odor inside or near a building?

Assets Covered 90878 (1920)

Result Notes This is contained in O&M OPS 617 Outside Leak Investigation. It contains directions for inside leak investigations as well.

PROCEDURE

1. GENERAL

1.1. If indications of a leak are present, an investigation shall be conducted by qualified personnel to determine the location, extent, and potential hazard of the leak. Leak indications may include the following:

1.1.1. Odor complaints.

1.1.2. Reports of dead or discolored vegetation.

1.1.3. Positive readings from leak detection equipment.

1.2. If an inside leak is suspected or if migration into a structure is suspected, immediately contact the Customer Experience Team (CXT) or local District Office to request a First Responder.

1.2.1. If the person performing the leak survey is a qualified Service Mechanic, Service Technician, District Representative, or Serviceperson, or other qualified individual, refer to the Inside Leak Odor (G-ILEAK) Response Responsibilities and Actions section of OPS 613 – Gas Emergency Response Plan.

PRR.REPORT: Reporting

2. Question Result, ID, References Sat, RPT.RR.IMMEDREPORT.R, 191.5(a) (191.7(a), 191.7(d))

Question Text *Do records indicate immediate notifications of incidents were made in accordance with 191.5?*

Assets Covered 90878 (1920)

Result Notes There have been 0 PHMSA reportable incidents in this district during this inspection time period, 2021-2023. It was verified against our database as well. The second portion of this question covers 480-93-200(1 and 2) which do apply.

All shown as reportable in 2023 in our DB. 30 Day reports are available and reviewed. No retraction emails noted.

3 in 2021

3 in 2022

4 in 2023

4254 205 NW 7th Ave 10/25/2023 11:59 State

4238 Columbia Blvd. & Industrial Way 9/12/2023 23:09 State

4175 1146 15th Ave 4/25/2023 7:39 State

4149 830 Ocean Beach Hwy 2/13/2023 11:25 State

4105 500 Tenant Way 11/19/2022 6:30 Non-Reportable

4057 300 Fibre Way 8/7/2022 7:04 Non-Reportable

3991 1116 15th Ave 3/15/2022 10:29 State

3943 809 Ayers St 10/18/2021 18:20 State

3899 1358 Downriver Drive 7/26/2021 12:03 State

3844 79 Veys Drive 4/20/2021 8:30 State

3. Question Result, ID, NA, RPT.RR.INCIDENTREPORT.R, 191.9(a)
References

Question Text *Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.1 within the required time frame?*

Assets Covered 90878 (1920)

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

There have been 0 PHMSA reportable incidents in this district during this inspection time period, 2021-2023. It was verified against our database as well.

4. Question Result, ID, NA, RPT.RR.INCIDENTREPORTSUPP.R, 191.9(b)
References

Question Text *Do records indicate accurate supplemental incident reports were filed and within the required timeframe?*

Assets Covered 90878 (1920)

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

There have been 0 PHMSA reportable incidents in this district during this inspection time period, 2021-2023. It was verified against our database as well.

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

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

Assets Covered 90878 (1920)

Result Notes They have been submitted to PHMSA. Analysis detailed in the next question.

6. Question Result, ID, Sat, RPT.RR.UTCANNUALREPORTS.R,
References

Question Text *Have complete and accurate annual reports been submitted to the commission?*

Assets Covered 90878 (1920)

Result Notes Per the operator reports were submitted on:

2023 Submitted 3/15/24 per the operator. Verified that the Reports are in SharePoint. Original email is not contained in SP to verify operator's date, but still sufficient.

2022 Submitted 3/15/23 per the operator. This date matched our in SharePoint for the upload date.

2021 Submitted 3/15/22 per the operator. This one had a later date in SharePoint.

Reports checked for completeness - Annual reports were reviewed for the last 3 years. The total leaks per 1,000 locates has gone down considerably over the past several years from 1.93 to .53. That metric is a bit of a misnomer because I do not see a correlation between the two. Indicators show number of hits per 1,000 locates has remained nearly the same as has the number of excavation tickets. The operator typically receives about 61000-64,000 locates per year.

7. Question Result, ID, Sat, RPT.RR.MISDATAREPORTS.R,
References

Question Text *Has the operator submitted a copy of DOT Drug and Alcohol Testing MIS Data Collection Form to the commission when required?*

Assets Covered 90878 (1920)

Result Notes Per the operator reports were submitted on:

2023 Submitted 3/15/24 per the operator. Verified that the Reports are in SharePoint. Original email is not contained in SP to verify operator's date, but still sufficient.

2022 Submitted 3/15/23 per the operator. This date matched our in SharePoint for the upload date.

2021 Submitted 3/15/22 per the operator. This one had a later date in SharePoint.

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

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

Assets Covered 90878 (1920)

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

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

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

Assets Covered 90878 (1920)

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

10. Question Result, ID, References Sat, RPT.RR.THIRTYDAYRPT.R,

Question Text *Has the operator submitted a written report within 30 days following each reportable incident?*

Assets Covered 90878 (1920)

Result Notes I reviewed our incident database and there were the required 30 day follow-up reports available. There were two rescind reports in 2022.

4105	500 Tenant Way	11/19/2022 6:30	Non-Reportable
4057	300 Fibre Way	8/7/2022 7:04	Non-Reportable

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

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

Assets Covered 90878 (1920)

Result Notes CNG New Customer Packet details uploaded to SP

CCB New Customer details screenshots uploaded

New customer details reviewed that were provided, but others will be requested.

Those requested are: 1936 Bethany, 2918 Larch Street 2022.from 2022 were reviewed.

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

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

Assets Covered 90878 (1920)

Result Notes Our crew sheet inbox contains records of notices for this district and there have been no issues on obtaining those on time and for where work is being performed.

The operator included their procedure and it states:

OPS 10 Step 22.4 "Washington Districts: District Managers, or designee, shall send daily scheduled construction and repair activity locations to the WUTC by email. These construction and repair activity locations must be sent no later than 10:00 AM PST each day."

13. Question Result, ID, References Sat, RPT.RR.PIPELINEMAPPING.R,

Question Text *Has the operator provided accurate maps (or updates) of all pipelines operating over 250 psig to specifications developed by the commission sufficient to meet the needs of first responders?*

Assets Covered 90878 (1920)

Result Notes Pipeline Safety has received pipeline GIS files in the past where there were updates. Currently the UTC would need to request updates and the operator would provided them per the OPS 10 procedure. There are currently no specifications developed by the Commission for submission requirements. This is different than the NPMS requirement that specifies that a submission needs to be made to OSAVE to indicate "no changes"

PRR.CORROSION: Corrosion Control

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

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

Assets Covered 90878 (1920)

Result Notes Brandon P Croy's NACE CP1, CP2 and CP3 cert was reviewed. Exp 5/31/2024

Morgan Grays EWN 2-7-2024 CT Staus List was reviewed. Selected areas are listed below, but he maintains more than these qualifications.

192-0501.01 Maintain Rectifier (1:3) 12/7/2023 12/6/2028

192-0401.01 Perform Visual Inspection for Atmospheric Corrosion (1:3) 1/10/2024 1/3/2029

192-0401.06 Measure External Corrosion (1:3) 1/10/2024 1/3/2029

192-0505.01 Inspect or Test Cathodic Protection Bonds (1:3) 1/4/2024 12/7/2028

192-0505.02 Inspect or Test Cathodic Protection Electrical Isolation Devices (1:3) 12/7/2023 12/7/2028

192-0512.01 Measure Structure-to-Electrolyte Potential (1:3) 1/10/2024 12/7/2028

192-1413.01 Install and Maintain Pipeline Markers (1:3) 4/27/2022 4/27/2025

15. Question Result, ID, References Sat, TD.CP.RECORDS.R, 192.491(a) (192.491(b), 192.491(c))

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

Assets Covered 90878 (1920)

Result Notes These are contained within the GIS and were reviewed during the inspection.

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

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

Assets Covered 90878 (1920)

Result Notes The operator provided some samples of EPCRS in the form of either a 315, 315R, or 21722 form. They used a Form 625 prior to 2021 for this inspection cycle.

The operator provided samples of 21722s for 22 and 23, and some 625 forms for 2021. Reviewed OQ records for the 6-22-2023 exam individual CT 192.0401.92 01/09/2020 - 12/17/2024 (Preston Hansen) performed at NW 8th and Clark St in Kelso. Additionally, Joshua Setzer exam OQs for the 3-16-23 4in and .75in_STL-KLA-03-06-23.pdf requested and reviewed. CT 192.0401.92 qualification 07/18/2022. The PE was 08/16/2022.

Morgan Grays EWN 2-7-2024 CT Status List was reviewed. Selected areas are listed below, but he maintains more than these qualifications.

192-0501.01 Maintain Rectifier (1:3) 12/7/2023 12/6/2028

192-0401.01 Perform Visual Inspection for Atmospheric Corrosion (1:3) 1/10/2024 1/3/2029

192-0401.06 Measure External Corrosion (1:3) 1/10/2024 1/3/2029

192-0505.01 Inspect or Test Cathodic Protection Bonds (1:3) 1/4/2024 12/7/2028

192-0505.02 Inspect or Test Cathodic Protection Electrical Isolation Devices (1:3) 12/7/2023 12/7/2028

192-0512.01 Measure Structure-to-Electrolyte Potential (1:3) 1/10/2024 12/7/2028

192-1413.01 Install and Maintain Pipeline Markers (1:3) 4/27/2022 4/27/2025

17. Question Result, ID, References Sat, TD.CPMONITOR.MONITORCRITERIA.R, 192.491(c) (192.463(a))

Question Text *Do records document that the CP monitoring criteria used was acceptable?*

Assets Covered 90878 (1920)

Result Notes The operator provided a procedure, OPS 402 Section 4, however this question is tied to records and was evaluated during the CP record review portion. The criteria is suitable. The operator uses IRF readings, also known as the instant off readings, once the current is removed to approximate IR drop. The criteria used in 2021 still had the -900mV threshold for further investigation to account for IR drop and was probably a carryover of the CP program. The current method being used is a better way to account for IR drop.

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

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

Assets Covered 90878 (1920)

Result Notes Reviewed the 2022-2023 Annual CP Survey (Maximo) For DC VOLTS IRF (V) There were no readings more positive than -850mV (off) and there were a couple of galvanic readings in Kalama that did not require IRF readings.

Reviewed the 2021 Annual CP Survey (CNG 652) Readings from 2021 taken by the operator did not show any remediation was required on these annual test sites due to low readings. Reference Cell calibrations are contained within the provided file. Voltmeter Serial Number 30440101 Calibration requested for use on 4/17/21 and 5/6/21. exp 3/18/2022

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

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

Assets Covered 90878 (1920)

Result Notes Records reviewed from 2021-2023. Reference Cell calibrations are contained within the provided file. CNGC is exceeding the requirement by performing these checks monthly via RMU and annual inspections are also still performed. No issues noted with these records. Calibrations requested for tool 16510242 for 4/4/2023, provided and calibrations were reviewed.

20. Question Result, ID, References Sat, TD.CPMONITOR.REVCURRENTTEST.R, 192.491(c) (192.465(c))

Question Text *Do records document details of electrical checks interference bonds, diodes, and reverse current switches?*

Assets Covered 90878 (1920)

Result Notes Where is the data from 2021? It was not stored.

Non-critical interference bonds are required to be checked at least once each calendar year, with intervals not exceeding 15 months.

21. Question Result, ID, References Sat, TD.CPMONITOR.DEFICIENCY.R, 192.491(c) (192.465(d))

Question Text *Do records adequately document actions taken to correct any identified deficiencies in corrosion control?*

Assets Covered 90878 (1920)

Result Notes File provided by the operator (2021-2023 Low CP) but I need to verify this against the casing record sheet. There were no low CP readings in 2021. We reviewed low CP reads for 2022-2023.

22. Question Result, ID, References **NA, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))**
 Question Text *Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?*
 Assets Covered **90878 (1920)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review. The operator does not have any bare steel pipelines.**
23. Question Result, ID, References **NA, FS.FG.CASINGTESTLEAD.R,**
 Question Text *Do records indicate that all casings without vents installed after September 5, 1992 had separate test lead wires installed?*
 Assets Covered **90878 (1920)**
 Result Notes **No casings without vents installed after 1992. No such relevant facilities/equipment existed in the scope of inspection review.**
24. Question Result, ID, References **Sat, FS.FG.CASINGSEALS.R,**
 Question Text *Do records indicate that mains and service lines installed in casing or conduit are sealed at the ends as required?*
 Assets Covered **90878 (1920)**
 Result Notes **No casing installed in 2021 2022. A couple records provided and reviewed for**
25. Question Result, ID, References **Sat, TD.CP.ELECISOLATE.R, 192.491(c) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))**
 Question Text *Do records adequately document electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?*
 Assets Covered **90878 (1920)**
 Result Notes **The records indicate the presence of non-critical bonds and the monitoring of upstream and downstream values to check for isolation**

26.
 Question Result, ID, References **Sat, TD.CP.ELECISOLATETEST.R, 192.491(c) (192.467(d))**

Question Text *Do records adequately document the inspection and electrical testing performed to ensure that electrical isolation is adequate?*

Assets Covered **90878 (1920)**

Result Notes **OPS 402, Section 4.4 Foreign Pipeline Isolation Testing**

4.4.1.1. If the voltage difference between the Company's pipeline and the foreign pipeline is 100mV or less, the isolation point shall be considered shorted unless further secondary testing confirms isolation is effective.

I reviewed the operator provided spreadsheet.

I had a question on: the 10.5VAC one. What does the manual contain for follow up actions? 15 VAC is the limit per the operator.

WO11569	W	LONGVI	KEL	4748	47488	CP														
909	A	EW	SO	8-	-IS-	TST	16510	I	4/7/20	LONGVIEW	MORGAN.	YE	10.5	454.0	ISOLAT	N	N			
				001-	11321	PT 12"	242	N	23	CORR	GRAY	S	10	00	ED	O	O			
				IS-	38	ROW														
				0002		10' W														
						OF														
						1333														
						CARR														
						OLL														

27. Question Result, ID, References **Sat, TD.CP.CASINGINSPECT.R,**
Question Text *Do records indicate that annual casing inspections have been performed to ensure electrical isolation from the pipeline?*
Assets Covered **90878 (1920)**
Result Notes **The operator provided this reference for the procedure. OPS 402 External Corrosion Control, Step 4.1. (CP 755 retired Step 8.6.3)**
- CASING INDUSTRIAL WAY 750FT W OF PRUDENTIAL 6/3/2022 Leak Survey Identified 4/12/2022**
- Casings were provided in two separate files. 04-08-21-LONGVIEW ANNUAL CASING SURVEY.pdf and 2022-2023 Annual CP Survey.xlsx There were no issues noted.**
28. Question Result, ID, References **Sat, TD.CP.MONITOR.TESTSTATION.R, 192.469**
Question Text *Do records identify the location of test stations and show a sufficient number of test stations?*
Assets Covered **90878 (1920)**
Result Notes **Test stations were reviewed in the GIS. It drives the annual CP test.**
29. Question Result, ID, References **Sat, TD.CP.MONITOR.TESTLEAD.R, 192.491(c) (192.471(a), 192.471(b), 192.471(c))**
Question Text *Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?*
Assets Covered **90878 (1920)**
Result Notes **GIS – Galvanic test sites and isolated test sites. OPS 407 Exothermic Welding Connections to Steel Pipelines - 1.3. Attention shall be given to the manner of installation to avoid harmful stress concentration at the point of attachment to the pipe See annual CP survey question #18. Some test stations are meter sets or risers.**
30. Question Result, ID, References **Sat, TD.CP.MONITOR.INTFRCURRENT.R, 192.491(c) (192.473(a))**
Question Text *Do records document an effective program is in place to minimize detrimental effects of interference currents and that detrimental effects of interference currents from CP systems on other underground metallic structures are minimized?*
Assets Covered **90878 (1920)**
Result Notes **This is stored in the CP test data set for annual surveys. Detailed CP records were reviewed with the operator and discussed in detail.**
31. Question Result, ID, References **NA, TD.ICP.CORRGAS.R, 192.491(c) (192.475(a))**
Question Text *Do the records demonstrate that the corrosive effect of the gas in the pipeline has been investigated and if determined to be corrosive, steps be taken to minimize internal corrosion?*
Assets Covered **90878 (1920)**
Result Notes **N/A Per the operator, No history of corrosive gas, if found, it would be documented on a 315R, 336 or 625 form.**
32. Question Result, ID, References **Sat, TD.ICP.EXAMINE.R, 192.491(c) (192.475(a), 192.475(b))**
Question Text *Do records document examination of removed pipe for evidence of internal corrosion?*
Assets Covered **90878 (1920)**
Result Notes **This would be performed when a 315, 315R or 336 (2021 was a 625 form) or a 21722 form is completed. OPS 402 External Corrosion Control, Step 1.7. (CP755 Step 8.3) OPS 327, Section 3.1 **OPS 402 Step 1.7, Whenever any portion of a buried pipeline is exposed, the exposed portion must be examined for evidence of external corrosion if the pipe is bare or if the coating is removed. Uploaded 21722's for 2022 and 2023. Uploaded 2021 was Form CNG 625**

I reviewed several 315Rs and the additional forms. There were no issues noted.

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

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

Assets Covered **90878 (1920)**

Result Notes **No corrosive gas transported in the line. No such relevant facilities/equipment existed in the scope of inspection review. OPS 327 contains the procedure for reporting during a cutout if corrosion is found.**

34. Question Result, ID, References **Sat, TD.ATM.ATMCORRODE.R, 192.491(c) (192.479(a), 192.479(b), 192.479(c))**

Question Text *Do records document the protection of above ground pipe from atmospheric corrosion?*

Assets Covered **90878 (1920)**

Result Notes **The AC records provided show that coatings are evaluated during annual regulator station maintenance and testing. However, this question refers to new installation.**

Can we review 'D-4" cards, 336 Forms, or similar that discusses coating when the meter is set?

2022 Reg station installed and the as-built. 336 R-53 for 2022 was reviewed.

35. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINSP.R, 192.491(c) (192.481(a), 192.481(b), 192.481(c), 192.481(d))**

Question Text *Do records document inspection of aboveground pipe for atmospheric corrosion?*

Assets Covered **90878 (1920)**

Result Notes	Gas Service Point ID	Location Description	Town	District	Inspected By	Inspection Date	Type	Deficiencies Found?
	779855	46 SHINTAFFER ST NW	Castle Rock	Longview District	jordan.jensen	6/13/2018		No
	933386	2504 TALLEY WAY	Kelso	Longview District	jordan.jensen	6/3/2019		No
	935873	4029 INDUSTRIAL WAY	Longview	Longview District	preston.hansen	5/29/2020		No
	777237	3303 OAK ST	Longview	Longview District	jordan.jensen	7/24/2019		No
	780107	360 BIRCH ST	Kalama	Longview District	jordan.jensen	6/25/2018		No
	915879	182 N 4TH ST	Kalama	Longview District	jordan.jensen	6/21/2018		No
	925228	229 DAVIDSON AVE	Woodland	Longview District	jordan.jensen	4/25/2018		No
	780850	1971 MEADOWOOD LOOP	Woodland	Longview District	jordan.jensen	4/18/2018		No

2021-2023 dataset. Per email from the operator (DT at MDU) 2 of the sites in the 2021 - 2023 list were new services so there were no prior records. Follow demonstrates, for these selected records, the NTE 39 month interval was met.

WO11428367	9/21/2022	LONGVIEW/ABERDEEN NORTHWEST/SOUTHERN	CASTLE ROCK	47131-GP-1033660	GAS SERVICE POINT 241 W COWLITZ ST
WO10889248	8/26/2021	LONGVIEW/ABERDEEN NORTHWEST/SOUTHERN	CASTLE ROCK	47131-GP-856375	GAS SERVICE POINT 46 SHINTAFFER ST NW
WO11368766	8/8/2022	LONGVIEW/ABERDEEN NORTHWEST/SOUTHERN	KELSO	47488-GP-1007247	GAS SERVICE POINT 2504 TALLEY WAY
WO11368742	7/21/2022	LONGVIEW/ABERDEEN NORTHWEST/SOUTHERN	KELSO	47488-GP-1030880	GAS SERVICE POINT 701 N 6TH AVE

WO11596496	5/15/2023	LONGVIEW/ABERDEEN NORTHWEST/SOUTHERN	LONGVIEW	47531- GP- 73023	LARGE METER 4029 INDUSTRIAL WAY
WO11348522	9/13/2022	LONGVIEW/ABERDEEN NORTHWEST/SOUTHERN	LONGVIEW	47531- GP- 853964	GAS SERVICE POINT 3303 OAK ST
WO10907485	9/3/2021	LONGVIEW/ABERDEEN NORTHWEST/SOUTHERN	KALAMA	47482- GP- 856635	GAS SERVICE POINT 360 SE BIRCH ST
WO10907485	9/3/2021	LONGVIEW/ABERDEEN NORTHWEST/SOUTHERN	KALAMA	47482- GP- 990105	GAS SERVICE POINT 182 N 4TH ST
WO10800264	6/18/2021	LONGVIEW/ABERDEEN NORTHWEST/SOUTHERN	WOODLAND	47953- GP- 999269	GAS SERVICE POINT 229 DAVIDSON AVE
WO10800304	6/8/2021	LONGVIEW/ABERDEEN NORTHWEST/SOUTHERN	WOODLAND	47953- GP- 857370	GAS SERVICE POINT 1971 MEADOWOOD LOOP

36. Question Result, ID, References **Sat, TD.COAT.NEWPIPE.R, 192.491(c) (192.455(a), 192.461(a), 192.461(b), 192.483(a))**
 Question Text *Do records document that each buried or submerged pipeline installed after July 31, 1971 has been externally coated with a suitable coating material?*
 Assets Covered **90878 (1920)**
 Result Notes Samples of jobs were reviewed, a total of 6, over the 2021-2023 inspection time period. All jobs indicated FBE as being the primary coating except the job on 2/2/2023 where 1712' of 2" X-Tru coated pipe was used.

37. Question Result, ID, References **Sat, TD.CPEXPOSED.EXTCORRODREPAIR.R, 192.491(c) (192.487, 192.489)**
 Question Text *Do records document the repair or replacement of pipe that has been externally corroded to an extent that there is not sufficient remaining pipe wall strength?*
 Assets Covered **90878 (1920)**
 Result Notes The 4" STL main at 201 Elm St in Kalama was replaced/retired after an anomaly was found on the main and it was due to poorly applied wrap resulting in 90% WL on 3-16-23. It was leak clamped as a precaution and the main was replaced on 4/6/2023.

10/6/2022 job in Longview at 3208 Columbia Heights Rd was reviewed. It said it was discovered during an AC inspection, yet the AC inspection does not contain any notes about it. Possibly move to AC. Checked the rest of the examination of exposed pipe for 2022 and 2023.

				GAS	
				SERV	
			475	ICE	
WO113	W LONGVIEW/	NORTHWEST	LONG	31- POIN	8/31/ N N N N N N N N N N N N N N N N N N N N N N N N N N N N
37013	A ABERDEEN	/SOUTHERN	VIEW	GP- T	2022 O O O O O O O O O O O O O O O O O O O O O O O O O O O O
				855 3208	
				464 COLU	
				MBIA	
				HEIG	

38. Question Result, ID, References **NA, TD.ICP.EVALUATE.R, 192.491(c) (192.487)**
Question Text *Do records document adequate evaluation of internally corroded pipe?*
Assets Covered **90878 (1920)**
Result Notes **There were no instances of IC, but I checked several documents (7 Total that were Form 336s and IC is being evaluated) - No such event occurred, or condition existed, in the scope of inspection review.**
39. Question Result, ID, References **NA, TD.ICP.REPAIRINT.R, 192.491(c) (192.487, 192.489)**
Question Text *Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?*
Assets Covered **90878 (1920)**
Result Notes **No cutouts due to IC. - No such event occurred, or condition existed, in the scope of inspection review.**
40. Question Result, ID, References **NA, AR.RCOM.REPAIR.R, 192.491(c) (192.487, 192.489)**
Question Text *Do records document the repair or replacement of pipe that has been internally corroded to an extent that there is not sufficient remaining strength in the pipe wall?*
Assets Covered **90878 (1920)**
Result Notes **Several records were reviewed where there was no internal wall loss where the pipe was replaced or removed.**

PRR.PT: Pressure Test

41. Question Result, ID, References **Sat, DC.PTLOWPRESS.PRESSTESTLOWSTRESS.R, 192.517(a) (192.507(a), 192.507(b), 192.507(c))**
Question Text *Do records indicate that pressure testing is conducted in accordance with 192.507?*
Assets Covered **90878 (1920)**
Result Notes **HP project record samples were provided by the operator. They were 2 each for 2021-22 and one from 2023.**

For 2023 the work order document - WO 297864 Pressure test revised.pdf

The only OQ on the list of affected tasks for the BPC contractor performing this test is:

Brockway, Maximilian	MDUG CBT - OPS 619 - Reporting Abnormal Operating Conditions and other Deficiencies Requiring Remediation
---------------------------------	----------------------------------------------------------------------------------------------------------------------
42. Question Result, ID, References **Sat, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.517(b) (192.509(a), 192.509(b))**
Question Text *Do records indicate that pressure testing is conducted in accordance with 192.509(a) (except for service lines and plastic pipelines)?*
Assets Covered **90878 (1920)**
Result Notes **I reviewed several record samples and there were no issues or missing information noted.**
43. Question Result, ID, References **Sat, DC.PT.SERVICELINE.R, 192.517(b) (192.511(a), 192.511(b), 192.511(c))**
Question Text *Do records indicate that pressure testing is conducted in accordance with 192.511?*
Assets Covered **90878 (1920)**
Result Notes **I reviewed several record samples and there were no issues or missing information noted.**
44. Question Result, ID, References **Sat, DC.PLASTIC.PRESSTESTPLASTIC.R, 192.517(b) (192.513(a), 192.513(b), 192.513(c), 192.513(d))**
Question Text *Do records indicate that pressure testing is conducted in accordance with 192.513?*
Assets Covered **90878 (1920)**
Result Notes **I reviewed several record samples and there were no issues or missing information noted.**

PRR.UPRATE: Uprating

45. Question Result, ID, References **NA, MO.GOUPRATE.MAOPINCREASE.R, 192.553(a) (192.553(b), 192.553(c))**
 Question Text *Do records indicate that increases in MAOP of pipeline were determined in accordance with 192.553?*
 Assets Covered **90878 (1920)**
 Result Notes **No MAOP increases in this district. No such event occurred, or condition existed, in the scope of inspection review.**
46. Question Result, ID, References **NA, MO.GOUPRATE.MAOPINCREASELIMIT.R, 192.553(b) (192.553(c), 192.553(d), 192.557(a))**
 Question Text *Do records indicate that increases in MAOP are limited in accordance with 192.619 and 192.621?*
 Assets Covered **90878 (1920)**
 Result Notes **No MAOP increases in this district. No such event occurred, or condition existed, in the scope of inspection review.**
47. Question Result, ID, References **NA, MO.GOUPRATE.MAOPINCREASEPREP.R, 192.553(b) (192.553(c), 192.553(a), 192.557(b), 192.557(c))**
 Question Text *Do records indicate that increases in MAOP were preceded by the actions specified in 192.557?*
 Assets Covered **90878 (1920)**
 Result Notes **No MAOP increases in this district. No such event occurred, or condition existed, in the scope of inspection review.**

PRR.OM: Operations And Maintenance

48. Question Result, ID, References **Sat, MO.GO.OMANNUALREVIEW.R, 192.605(a)**
 Question Text *Have annual reviews of the written procedures or processes in the manual been conducted as required?*
 Assets Covered **90878 (1920)**
 Result Notes **File provided and reviewed: "2019 - 2024 annual procedure review cp and ops.xlsx" The individual or department that reviewed the manuals was originally not indicated, however, the interval(s) in the year to year comparison did not indicate any exceedances of the annual/NTE 15 month time frame for the records reviewed. The operator did provide documentation of the individuals that did review the manuals upon request.**
- The individuals who completed the 2023 OPS 800 Annual Review:
- Robert Peterson, Dir Safety & Tech Train
- RueAnn Gallagher, Supv Sfty & Tech Training
- Josh Shell, Mgr Technical Training
- Rebecca Naslund, Mgr, SMS
49. Question Result, ID, References **Sat, MO.GO.OMHISTORY.R, 192.605(a) (192.605(b)(3))**
 Question Text *Are construction records, maps and operating history available to appropriate operating personnel?*
 Assets Covered **90878 (1920)**
 Result Notes **The operator states:"Employees have access to GIS Silverlight Web Viewer, and hyperlink to as-built information. SharePoint for regulator station information"**

Reviewed construction records for 6 month update requirement.

10/28/22 MICHELS Construction	103 Huntington Ave N. short main replacement w/2 svcs	Castle Rock	Mapped date 4/4/2023
09/19/23 Brothers Pipeline Co.	Construction 2015 Bethany St install service		Oct 31, 2023
			Longview

50. Question Result, ID, References [Sat, MO.GO.OMEFFECTREVIEW.R, 192.605\(a\) \(192.605\(b\)\(8\)\)](#)
 Question Text *Do records indicate periodic review of the work done by operator personnel to determine the effectiveness, and adequacy of the processes used in normal operations and maintenance and modifying the processes when deficiencies are found?*
 Assets Covered [90878 \(1920\)](#)
 Result Notes [2021 Contractor Records Reviewed \(10\)](#)
[2021 Company Records Reviewed \(8\)](#)
[2022 Contractor Records Reviewed \(11\)](#)
[2022 Company Records Reviewed \(8\)](#)
[2023 Contractor Records Reviewed \(11\)](#)
[2023 Company Records Reviewed \(11\)](#)
 There were no issues. The operator does include checking equipment calibrations and OQ records during these field inspections.
51. Question Result, ID, References [Sat, EP.ERG.POSTEVNTREVIEW.R, 192.605\(a\) \(192.615\(b\)\(1\), 192.615\(b\)\(3\)\)](#)
 Question Text *Do records indicate review of employee activities to determine whether the procedures were effectively followed in each emergency?*
 Assets Covered [90878 \(1920\)](#)
 Result Notes [Reviewed several emergency evaluations. \(8 total were provided\)](#)
[I discussed the 2023-9-12 Industrial Way and Columbia Blvd incident with the operator.](#)
[At 79 Veys Drive - incident in 2021 due to improper locate.](#)
52. Question Result, ID, References [Sat, EP.ERG.TRAINING.R, 192.605\(a\) \(192.615\(b\)\(2\)\)](#)
 Question Text *Has the operator trained the appropriate operating personnel on emergency procedures and verified that the training was effective in accordance with its procedures?*
 Assets Covered [90878 \(1920\)](#)
 Result Notes [Training with attendance sheets for the last 3 years was reviewed.](#)
53. Question Result, ID, References [Sat, EP.ERG.LIAISON.R, 192.603\(b\) \(192.615\(c\)\(1\), 192.615\(c\)\(2\), 192.615\(c\)\(3\), 192.615\(c\)\(4\), 192.616\(c\), ADB-2005-03\) \(also presented in: MISCTOPICS.PUBAWARE\)](#)
 Question Text *Do records indicate liaisons established and maintained with appropriate fire, police, other public officials, and 911 emergency call centers in accordance with procedures?*
 Assets Covered [90878 \(1920\)](#)
 Result Notes [Records for the last 3 years were provided and reviewed. Mailing lists, contacts, and content was provided and reviewed.](#)
[Bulk postage receipt reviewed](#)
54. Question Result, ID, References [Sat, PD.PA.LANGUAGE.R, 192.616\(g\) \(API RP 1162 Section 2.3.1\) \(also presented in: MISCTOPICS.PUBAWARE\)](#)
 Question Text *Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?*
 Assets Covered [90878 \(1920\)](#)
 Result Notes [I reviewed the provided file, 2022 Language Information_ US Census_09220222 containing the 2020 American Community Survey 5-Year Estimates. Several Counties in Washington were identified as having a larger percentage of non-English speaking households.](#)
[They are mailed in English and Spanish. These are sent to all the addresses in CNGCs service area.](#)

55. Question Result, ID, **Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4)** (also presented in: References **MISCTOPICS.PUBAWARE**)
Question Text *Do records indicate program effectiveness evaluation(s) have been performed and cover all program requirements and all systems covered by the program?*
Assets Covered **90878 (1920)**
Result Notes **2022 Effectiveness Survey reviewed. Per our past inspection notes reviewed and the operator statement, the previous inspection was performed in 2018. It is performed by Culver**

56. Question Result, ID, References **NA, EP.ERG.INCIDENTANALYSIS.R, 192.605(a) (192.617)**
Question Text *Do records indicate actions initiated to analyze accidents and failures, including the collection of appropriate samples for laboratory examination to determine the causes of the failure and minimize the possibility of recurrence, in accordance with its procedures?*
Assets Covered **90878 (1920)**
Result Notes **No accidents or failures requiring analysis or investigation per the operator.**

57. Question Result, ID, References **Sat, PD.DP.PDPROGRAM.R, 192.614(c)**
Question Text *Does the damage prevention program meet minimum requirements specified in 192.614(c)?*
Assets Covered **90878 (1920)**
Result Notes **OPS 614 is the DP procedure per the operator.**

I would like to review recent excavation activities where the excavator did not use a One-Call and make sure the excavators were added to the operator's mailing list. Colby said this is not enforceable but I said it is under .614 (c)

2021 442 records

2022 510 records

2023 470 records

58. Question Result, ID, References **Sat, MO.GOMAOP.MAOPDETERMINE.R, 192.619(a) (192.619(b), 192.621(a), 192.621(b), 192.623(a), 192.623(b))**
Question Text *Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?*
Assets Covered **90878 (1920)**
Result Notes **Per the operator, these are the sample records provided 2023 – (3) Form 23021 2022 – (2) Form 23021 2021 – (2) Form 23021 for a total of 7 jobs.**

I checked WO 294609 and the SYMS to determine if it needed to be a 1 hour test or if there were proximity issues requiring a longer test duration. Min TP was 635.5 psig for an established MAOP of 300. Gauge cal's listed and checked for validity.

S. Longview gate pressure test 1-19-2022.pdf location was reviewed to check for SYMS at MAOP. SYMS at MAOP was 15.19% WAC 480-93-170

59. Question Result, ID, References **Sat, MO.GOODOR.ODORIZE.R, 192.709(c) (192.625(a), 192.625(b), 192.625(c), 192.625(d), 192.625(e), 192.625(f))**
Question Text *Do records indicate appropriate odorization of its combustible gases in accordance with its processes and conduct of the required testing to verify odorant levels met requirements?*
Assets Covered **90878 (1920)**
Result Notes **Sniff tests performed at different locations each month. Verified that the operator has records for each test station deemed essential for the total odorant picture. It is on a rotation. There is a randomizing polygon.**

Per the operator, 2000629010 was decommissioned in 2021.

Checked cal's

2000629010 4/1/2021 Calibration OK - Current

2000601001 8/1/2023 Calibration OK - Current
2000601001 5/4/2022 Calibration OK - Current

60. Question Result, ID, References Sat, MO.RW.DISTPATROL.R, 192.603(b) (192.721(a), 192.721(b))
Question Text Do records indicate distribution patrolling was conducted as required?
Assets Covered 90878 (1920)
Result Notes Quarterly and semi-annual patrol records were provided and reviewed. "2021-2024 Patrols Master"
61. Question Result, ID, References Sat, MO.RW.LEAKFOLLOW.R,
Question Text Do records indicate that a follow-up inspection was performed not more than thirty days following a repair where residual gas remained in the ground?
Assets Covered 90878 (1920)
Result Notes The operator provided these records. 2023 - (3) 2022 - (1) 2021 - (0) These were the only
62. Question Result, ID, References Sat, MO.RW.DOWNGRADELEAKREPAIR.R,
Question Text Do records indicate that leaks that have been downgraded are repaired within twenty-one months?
Assets Covered 90878 (1920)
Result Notes Documented on CNG 293 Form 2022 - (2) down graded leaks. OPS 617 Outside Leak Investigation, Pinpointing, and Grading, Step 4. Are these the only ones? Yes they were per the operator.
63. Question Result, ID, References Sat, MO.RW.LEAKREPAIRTIME.R,
Question Text Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601?
Assets Covered 90878 (1920)
Result Notes OPS 617, Section 4.1 - Leak Grading and Action Criteria. Completed on a CNG 293 Form Grade 2 - Repaired within 6 months Grade 3 - Repaired within 15 months. 2023 - (5) 2022 - (3) 2021 - (3)

Those that were reviewed there were no noted issues. Reviewed 8707410842-KALA-216 ELM ST 4-6-2023 GRADE 3.pdf and 290394-KELS-2098 MT BRYNION RD 10-27-2021 GRADE 1.pdf in more detail with the operator during the in office portion.
64. Question Result, ID, References Sat, MO.RW.LEAKRECORDS.R,
Question Text Have gas leak records been prepared and maintained as required?
Assets Covered 90878 (1920)
Result Notes The ones reviewed as provided had no issues. Also requested and reviewed Rose Way Woodland for 10/17/2023. 916 Walsh St on 2/26/2023 in Castle Rock also was reviewed.
65. Question Result, ID, References Sat, MO.RW.DISTPATROLLEAKAGE.R, 192.603(b) (192.723(a), 192.723(b))
Question Text Do records indicate distribution leakage surveys were conducted as required?
Assets Covered 90878 (1920)
Result Notes There is a self test every day of the equipment per the operator.

2016 Longview Kalama and Kelso

WO 10789221 Reviewed covering Leak survey Cycle 1 2021 8/1316/-9/2716

Castle Rock no Residentail district came up for a survey during 21-23 Next in 2024

Castle Rock bus dist reviewed in 2 areas, West of I5 and then East of I5 for 21, 22 and 2023.

Woodland 2 Cycles and a business. The cycle dates are 2024 and 2025 for the next res dist. Business district at the Dike Rd Woodland Walmart for 22-23. The other side of the freeway at T5 R1W Section 12 was looked at.

66. Question Result, ID, References Sat, MO.RW.CASINGLEAKSURVEY.R,

Question Text Do records indicate shorted casings were leak surveyed as required?

Assets Covered 90878 (1920)

Result Notes 2021-2023 Shorted Casing LS Spreadsheet reviewed.

Description of the system and area surveyed (including maps and leak survey logs);

Interval looks good for the NTE 7.5 mths/2x per calendar year.

2022 Cowlitz WO11360119

67. Question Result, ID, References Sat, MO.RW.MARKERSURVEY.R,

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

Assets Covered 90878 (1920)

Result Notes This was the operator's response:

Marker Surveys are completed while performing Leak Survey. Completed in I&S, surveyor would drop a corrective action pin which would fire a Maximo Deficiency WO. *OPS 706 Step 4.9.1 Pipeline marker surveys outside the scope of OPS 610 – Pipeline Patrol and Continuing Surveillance shall be completed in conjunction with Business and NonBusiness districts, HP Line, or Transmission Line leak surveys. See Company pipeline marker procedures. *OPS 610 Step 5 and 5.4

I reviewed the marker replacement

68. Question Result, ID, References Sat, MO.RW.MARKERREPLACE.R,

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

Assets Covered 90878 (1920)

Result Notes For this inspection time period. There were 30 markers replaced during the 45 day time frame. One exceeded the timeframe.

GAS WA	LEAK																		
PIPELIN	47953	EY	282			SETZE													
E	-LS-	WA-	Ced	LONGVI	CO	C	JOSH.SET	RJ-	7/21/2	8/4/2	9/3/2	9/21/2	MDU						
MARKER	10601	005N	ar	EW	MP	M	ZER	03030	023	023	023	023	YG-	0	44.47361	62.12			
DEFICIE	33	-	Ave										45D		111	206			
NCY		001E																	
		-18																	

69. Question Result, ID, References Sat, AR.RMP.TESTREINSTATE.R, 192.603(b) (192.725(a), 192.725(b))

Question Text From the review of records, did the operator properly test disconnected service lines?

Assets Covered 90878 (1920)

Result Notes The operator provided this excerpt from their procedure. OPS 505 Step 2.6.1 Prior to being reinstated, a service line that has been disconnected, including temporary disconnections, shall be pressure tested from the point of disconnection to the service stop (e.g., riser valve) in the same manner as a new service line before being reinstated.

These are now stored in the 315Rs. I reviewed all records.

2021 – (2) 315R 2022 – (0) 2023 – (2) 315R samples provided. The 293s for damages were reviewed and then the 315Rs. An additional 315R for 400 California Way 6-28-22

70. Question Result, ID, References Sat, MO.GMOPP.PRESSREGTEST.R, 192.709(c) (192.739(a), 192.739(b))
Question Text *Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations?*
Assets Covered 90878 (1920)
Result Notes Williams regulator annual NTE 15 requested and checked for Woodland. 2021 checked and was satisfactory, The 2022 maintenance was performed on 4/18/2022 and in 2023 it was completed on 8/22/2023.

The procedure is in OPS 500 Regulator Station Inspection and Maintenance

REGULATOR STATION 011-R-008 R08 - ALDER ST E OF DOUGLAS ST (Retired in 2022) It was now RS-1139009

The station was replaced in 2021 for R-08. Retired Feb 2021.

REGULATOR STATION 011-R-044 SLR R-44; CAMERON GLASS (This one has been converted to an HPSS in in 2023)
REGULATOR STATION 011-R-051 ASC STEEL DECK PLANT ON W KALAMA RIVER RD (Retired in 2023????) (This one has been converted to an HPSS in 2023)
REGULATOR STATION 011-R-024 R24 - PORT OF KALAMA AT MARINE (Relief Retired in 2023?) The relief was converted to a fracture disk
71. Question Result, ID, References Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))
Question Text *Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required?*
Assets Covered 90878 (1920)
Result Notes Reviewed all three 3 years
72. Question Result, ID, References Sat, DC.METERREGSVC.REGTEST.R,
Question Text *Do records indicate that service regulators have been installed, operated, maintained, tested during initial turn-on and tested when customers experience pressure problems?*
Assets Covered 90878 (1920)
Result Notes Operator provided 9 new install records and I checked each of those for inches of water column SPs. The operator provided 2 in 2021. There were no for 2022 or 2023 for the check pressure factor (GCHKPFC). Otherwise GMisc is the PCAD order type.
73. Question Result, ID, References Sat, MO.GM.DISTVALVEINSPECT.R, 192.603(b) (192.747(a), 192.747(b))
Question Text *Do records indicate proper inspection of each distribution system valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year, and prompt remedial action to correct any valve found inoperable?*
Assets Covered 90878 (1920)
Result Notes I reviewed and there were no issues.
74. Question Result, ID, References NA, FS.FG.VAULTINSPECT.R, 192.709(c) (192.749(a), 192.749(b), 192.749(c), 192.749(d))
Question Text *Do records document the adequacy of inspections of all vaults having an internal volume =200 cubic feet (5.66 cubic meters) that house pressure regulating/limiting equipment?*
Assets Covered 90878 (1920)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review. No vaults in this unit
75. Question Result, ID, References Sat, MO.GM.IGNITION.R, 192.709 (192.751(a), 192.751(b), 192.751(c))

- Question Text *Do records indicate personnel followed processes for minimizing the danger of accidental ignition where the presence of gas constituted a hazard of fire or explosion?*
- Assets Covered 90878 (1920)
- Result Notes CNG 640 Construction crew inspection forms were provided that demonstrated that for the last 3 years extinguishers are on site and proper purging precautions are taken. There are places to note hazardous atmospheres, .etc.
76. Question Result, ID, References Sat, DC.DPC.FLANGE.R, 192.147(a) (192.147(b), 192.147(c))
- Question Text *Do records indicate flanges and flange accessories meet the requirements of 192.147?*
- Assets Covered 90878 (1920)
- Result Notes 2021 – (1) S. Longview Gate R-127 As Built 2022 – (0) 2023 – (0)
77. Question Result, ID, References Sat, DC.WELDPROCEDURE.WELD.R, 192.225(a) (192.225(b))
- Question Text *Do records indicate weld procedures are being qualified in accordance with 192.225?*
- Assets Covered 90878 (1920)
78. Question Result, ID, References Sat, DC.WELDPROCEDURE.ESSENTIAL.R,
- Question Text *Do records indicate that essential variables were measured and documented when welders and procedures were qualified?*
- Assets Covered 90878 (1920)
- Result Notes Josh Setzer - Longview MidYear OAW SMAW 7.18.23.pdf reviewed
79. Question Result, ID, References Sat, TQ.QUOMCONST.WELDER.R, 192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), 192.229(d), 192.328(a), 192.328(b), 192.807(a), 192.807(b))
- Question Text *Do records indicate adequate qualification of welders?*
- Assets Covered 90878 (1920)
80. Question Result, ID, References Sat, TQ.QUOMCONST.NDT.R, 192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))
- Question Text *Do records indicate the qualification of nondestructive testing personnel?*
- Assets Covered 90878 (1920)
- Result Notes OQ 1 Kalama HP Re route.pdf Josh Remme OQs reviewed. RT, UT, MPI exp 6/7/2024
81. Question Result, ID, References Sat, DC.PLASTIC.PLASTICJOINTPROCEDURE.R, 192.273(b) (192.283(a), 192.283(b), 192.283(c))
- Question Text *Have plastic pipe joining procedures been qualified in accordance with 192.283?*
- Assets Covered 90878 (1920)
82. Question Result, ID, References Sat, DC.PLASTIC.PLASTICJOINTQUAL.R, 192.285(d) (192.285(a), 192.285(b), 192.285(c), 192.285(e), 192.807(a), 192.807(b))
- Question Text *Do records indicate persons making joints in plastic pipelines are qualified in accordance with §192.285?*
- Assets Covered 90878 (1920)
- Result Notes Records reviewed in this inspection and during prior DTC inspections indicated the joining personnel were properly qualified
83. Question Result, ID, References Sat, DC.PLASTIC.PLASTICJOINTINSP.R, 192.287 (192.807(a), 192.807(b))
- Question Text *Do records indicate persons inspecting the making of plastic pipe joints have been qualified?*
- Assets Covered 90878 (1920)
- Result Notes Justin Palmer quals reviewed. Signed off by Winnie Clemenson 8/23/2022
84. Question Result, ID, References Sat, DC.CO.PLASTICPIPESEP.R,
- Question Text *Do records indicate minimum separation requirements are met for plastic pipelines?*
- Assets Covered 90878 (1920)
- Result Notes I reviewed the 2023 samples and selected several extra. One for 2022 and one for 2021. For 2022, 3740 OBH 12" Separation For 10/6/2021 1920 Mt Brynion Rd 12"

Operator stated: Identified on 315R or 336 Forms. **OPS 307 Step 5.16 336's and 315's 2023 - (4) 2022 - (4) 2021 - (4)

The above indicates the record samples provided and for what year(s)

85. Question Result, ID, References Sat, MO.GM.EQUIPPLASTICJOINT.R, 192.603(b) (192.756), ID, References

Question Text Do records indicate equipment used in joining plastic pipe by heat fusion was maintained in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?

Assets Covered 90878 (1920)

Result Notes Fusion Maintenance Spreadsheet for 2021-2023 Uploaded calibration certificates for Electrofusion machine (2019 and 2022)

Cals looked good until 2025 for the Shannon machine.

Not sure if the following is the same machine.

WO107 17384	ELECTR O FUSIO N INSPEC TION	LONGVIEW/A BERDEEN	LONGVIEW/A BERDEEN DISTRICT	2688 Cowee man Park Dr	1000 5351	LONG VIEW	CLO I SE	CLINT.MA N THEWS	UNASSI GNED	10/1 /22 12:0 0 AM	10/2 8/22 9:00 PM	11/7 /22 12:0 0 AM	10/6 /22 11:3 3 AM	DO T- 1Y - 15 M
----------------	---------------------------------------------	-----------------------	-----------------------------------	------------------------------------	--------------	--------------	-------------	---------------------	----------------	--------------------------------	----------------------------	--------------------------------	--------------------------------	--------------------------------

86. Question Result, ID, References Sat, MO.RW.BUSINESSDIST.R, 192.723(b)(1) (192.721(b)(1), 192.723(a), 192.613)

Question Text Do the records clearly identify the areas of operator's distribution system that are considered Business Districts?

Assets Covered 90878 (1920)

Result Notes Will Review in GIS or Leak Survey OPS 706 Step 4.2

87. Question Result, ID, References NA, MO.GM.MOVEANDLOWER.R,

Question Text Do records indicate that a study was prepared before moving or lowering a steel gas pipeline as required?

Assets Covered 90878 (1920)

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

88. Question Result, ID, References NA, MO.GM.MOVEANDLOWERSURVEY.R,

Question Text Do records indicate that a leak survey was conducted not more than thirty days after moving and/or lowering a metallic pipeline?

Assets Covered 90878 (1920)

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

89. Question Result, ID, References Sat, MO.RW.MARKERSMAPSDRAW.R,

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

Assets Covered 90878 (1920)

90. Question Result, ID, References Sat, PD.DP.EXCAVATEMARK.R, 192.614(c)(5)

Question Text Do records indicate that marking proposed excavation sites was completed within two business days and in accordance with RCW 19.122?

Assets Covered 90878 (1920)

Result Notes Need to pick record sample

Ran for April - May 2022.

There were numerous records and i did not notice any that exceeded the 2 business day timeframe

FR.FIELDPIPE: Pipeline Inspection (Field)

91. Question Result, ID, References Sat, DC.MA.MARKING.O, 192.63(a) (192.63(b), 192.63(c), 192.63(d))
Question Text *Are pipe, valves, and fittings properly marked for identification in accordance with the requirements of 192.63?*
Assets Covered 90878 (1920)
Result Notes Components model and manufacturers names were indicated on the components I observed during this inspection.
92. Question Result, ID, References Sat, DC.DPC.FLANGE.O, 192.141 (192.147(a), 192.147(b), 192.147(c))
Question Text *Do flanges and flange accessories meet the requirements of 192.147?*
Assets Covered 90878 (1920)
Result Notes Isolation kits and bolt/flange protrusions were suitable.
93. Question Result, ID, References Sat, DC.DPC.GDVALVEPLACEMENT.O, 192.141 (192.181(a), 192.181(b), 192.181(c))
Question Text *Are distribution line valves being installed as required of 192.181?*
Assets Covered 90878 (1920)
Result Notes New valves for HOS locations have been installed and section valves are located in key locations for system isolation.
94. Question Result, ID, References Sat, DC.CO.PLASTICPIPEPROC.O,
Question Text *Is plastic pipe handled, stored and installed in accordance with manufacturer's recommendations, including maximum ultraviolet exposure?*
Assets Covered 90878 (1920)
Result Notes Pipe storage was checked - please review field notes for dates
95. Question Result, ID, References NA, DC.CO.PLASTICPIPESEP.O,
Question Text *Are plastic pipelines installed with the minimum separation from other utilities as required?*
Assets Covered 90878 (1920)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
96. Question Result, ID, References NA, DC.CO.PLASTICBACKFILL.O,
Question Text *Is plastic pipe buried in essentially rock-free material or material recommended by the pipe manufacturer?*
Assets Covered 90878 (1920)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
97. Question Result, ID, References NA, DC.CO.PLASTICSQUEEZING.O,
Question Text *Verify that the operator has limits in place for squeezing plastic pipe.*
Assets Covered 90878 (1920)
Result Notes No such activity/condition was observed during the inspection.
98. Question Result, ID, References Sat, DC.METERREGSVC.CUSTOMETERREGLOC.O, 192.351 (192.353(a), 192.353(b), 192.353(c), 192.353(d))
Question Text *Are meters and service regulators being located consistent with the requirements of 192.353?*
Assets Covered 90878 (1920)
Result Notes During PSP checks, the meters observed were in a suitable location.

99. Question Result, ID, References **Sat, DC.METERREGSVC.CUSTOMETERREGPROT.O, 192.351 (192.355(a), 192.355(b), 192.355(c))**
 Question Text *Are meters and service regulators being protected from damage consistent with the requirements of 192.355?*
 Assets Covered **90878 (1920)**
 Result Notes **Barricades in high risk areas were noticed as being additional protection.**
100. Question Result, ID, References **NA, DC.METERREGSVC.CUSTOMETERREGINSTALL.O, 192.351 (192.357(a), 192.357(b), 192.357(c), 192.357(d))**
 Question Text *Based on the meters and service regulators observed being installed, are the installations consistent with the requirements of §192.357?*
 Assets Covered **90878 (1920)**
 Result Notes **No such activity/condition was observed during the inspection.**
101. Question Result, ID, References **NA, DC.METERREGSVC.CUSTOMETEROPPRESS.O, 192.351 (192.359(a), 192.359(b), 192.359(c))**
 Question Text *Are customer meter operating pressures consistent with the requirements of 192.359?*
 Assets Covered **90878 (1920)**
 Result Notes **No such activity/condition was observed during the inspection.**
102. Question Result, ID, References **NA, DC.METERREGSVC.SVCLINEINSTALL.O, 192.351 (192.361(a), 192.361(b), 192.361(c), 192.361(d), 192.361(e), 192.361(f), 192.361(g))**
 Question Text *Are customer service lines being installed consistent with the requirements of 192.361?*
 Assets Covered **90878 (1920)**
 Result Notes **No such activity/condition was observed during the inspection.**
103. Question Result, ID, References **NA, DC.METERREGSVC.SVCLINEVLVLOCATEREQT.O, 192.351 (192.363(a), 192.363(b), 192.363(c), 192.365(a), 192.365(b), 192.365(c))**
 Question Text *Are customer service line valves being installed meeting the valve and locations requirements of 192.363 and 192.365?*
 Assets Covered **90878 (1920)**
 Result Notes **No such activity/condition was observed during the inspection.**
104. Question Result, ID, References **NA, DC.METERREGSVC.SVCLINECONNECT.O, 192.351 (192.367(a), 192.367(b), 192.369(a), 192.369(b), 192.369(c))**
 Question Text *Are customer service lines being installed with connections meeting the requirements of 192.367 and 192.369?*
 Assets Covered **90878 (1920)**
 Result Notes **No such activity/condition was observed during the inspection.**
105. Question Result, ID, References **NA, DC.METERREGSVC.SVCLINEMATERIAL.O, 192.351 (192.371, 192.373(a), 192.373(b), 192.373(c), 192.375(a), 192.375(b), 192.377)**
 Question Text *Are customer service lines being installed constructed appropriately for the types of materials used?*
 Assets Covered **90878 (1920)**
 Result Notes **No such activity/condition was observed during this inspection.**
106. Question Result, ID, References **NA, DC.METERREGSVC.NEWSVCLINENOTUSED.O, 192.351 (192.379, 192.379(a), 192.379(b), 192.379(c))**
 Question Text *Are new customer service lines not in use configured in accordance with the requirements of 192.379?*
 Assets Covered **90878 (1920)**
 Result Notes **No such activity/condition was observed during this inspection.**
107. Question Result, ID, References **NA, DC.METERREGSVC.EXCSFLOWLVLOCATE.O, 192.351 (192.381(c), 192.381(d), 192.381(e))**
 Question Text *Are service line excess flow valves located and identified in accordance with the requirements of 192.381?*
 Assets Covered **90878 (1920)**
 Result Notes **No such activity/condition was observed during the inspection.**
108. Question Result, ID, References **NA, DC.METERREGSVC.REGTEST.O,**

Question Text *Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?*

Assets Covered 90878 (1920)

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

109. Question Result, ID, References NA, DC.WELDPROCEDURE.ONSITE.O,

Question Text *Are qualified written welding procedures located onsite where welding is being performed?*

Assets Covered 90878 (1920)

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

110. Question Result, ID, References NA, DC.WELDPROCEDURE.ESSENTIAL.O,

Question Text *Does the operator document essential variables when qualifying welders and weld procedures?*

Assets Covered 90878 (1920)

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

111. Question Result, ID, References NA, TD.COAT.NEWPIPEINSTALL.O, 192.461(d)

Question Text *Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?*

Assets Covered 90878 (1920)

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

112. Question Result, ID, References Sat, TD.CPMONITOR.MONITORCRITERIA.O, 192.465(a) (192.463(b), 192.463(c), 192.463(a))

Question Text *Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?*

Assets Covered 90878 (1920)

Result Notes The operator collects IRF readings

113. Question Result, ID, References Sat, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)

Question Text *Do field observations confirm impressed current sources are properly maintained and are functioning properly?*

Assets Covered 90878 (1920)

Result Notes There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"

114. Question Result, ID, References Sat, TD.CP.ELECISOLATE.O, 192.467(a) (192.467(b), 192.467(c), 192.467(d), 192.467(e))

Question Text *Are measures performed to ensure electrical isolation of each buried or submerged pipeline from other metallic structures unless they electrically interconnect and cathodically protect the pipeline and the other structures as a single unit?*

Assets Covered 90878 (1920)

Result Notes There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"

115. Question Result, ID, References Sat, TD.CP.ELECISOLATETEST.O, 192.467(d)

Question Text *Do field observations verify that inspection and electrical testing ensured that electrical isolation is adequate?*

Assets Covered 90878 (1920)

Result Notes There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"

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

Question Text *Are casings electrically isolated from the pipeline?*

Assets Covered 90878 (1920)

- Result Notes There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"
117. Question Result, ID, References Sat, TD.CPMONITOR.TESTSTATION.O, 192.469
 Question Text *Do cathodically protected pipelines have a sufficient number of test stations?*
 Assets Covered 90878 (1920)
 Result Notes There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"
118. Question Result, ID, References Sat, TD.CPMONITOR.TESTLEAD.O, 192.471(a)
 Question Text *Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?*
 Assets Covered 90878 (1920)
 Result Notes There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"
119. Question Result, ID, References Sat, TD.CPMONITOR.INTFRCURRENT.O, 192.473(a)
 Question Text *Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?*
 Assets Covered 90878 (1920)
 Result Notes AC monitoring stations were visited and checked. There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"
120. Question Result, ID, References Sat, TD.ICP.CORRGASPRVNT.O, 192.475(a)
 Question Text *If the transportation of corrosive gas is not allowed, is the transportation of corrosive gas prevented?*
 Assets Covered 90878 (1920)
 Result Notes If is prevented by the upstream provider having continuous monitoring for H2S and H2O.
121. Question Result, ID, References NA, TD.ICP.CORRGASACTION.O, 192.477
 Question Text *Are adequate actions taken when corrosive gas is being transported by pipeline?*
 Assets Covered 90878 (1920)
 Result Notes No such event occurred, or condition existed, in the scope of inspection review.
122. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c), 192.481(d))
 Question Text *Do field observations indicate that pipe exposed to atmospheric corrosion is properly coated?*
 Assets Covered 90878 (1920)
 Result Notes There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"
123. Question Result, ID, References NA, PD.DP.ONECALL.O, 192.614(c)(3)
 Question Text *Observe operator process a "One Call" ticket.*
 Assets Covered 90878 (1920)
 Result Notes No such activity/condition was observed during the inspection.

 No tickets came in during our field portion to observe.
124. Question Result, ID, References Sat, MO.GOODOR.ODORIZE.O, 192.625(a) (192.625(c), 192.625(d), 192.625(e), 192.625(f))
 Question Text *Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?*
 Assets Covered 90878 (1920)
 Result Notes We checked several sniff locations. There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"

125. Question Result, ID, NA, MO.GO.PURGE.O, 192.629(a) (192.629(b))
References
Question Text *Are lines being purged in accordance with 192.629?*
Assets Covered 90878 (1920)
Result Notes No such activity/condition was observed during the inspection.
126. Question Result, ID, Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-References 5, CGA Best Practices, v4.0, Practice 4-20)
Question Text *Are line markers placed and maintained as required?*
Assets Covered 90878 (1920)
Result Notes There were no issues. Markers were well maintained. None were observed missing during this inspection.
127. Question Result, ID, Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)
Question Text *Are line markers placed and maintained as required for above ground pipelines?*
Assets Covered 90878 (1920)
Result Notes No Spans, but bridge crossings had markers at both sides.
128. Question Result, ID, Sat, MO.GMOPP.PRESSREGTEST.O, 192.739(a) (192.739(b))
References
Question Text *Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?*
Assets Covered 90878 (1920)
Result Notes There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"
129. Question Result, ID, NA, MO.GMOPP.PRESSREGMETER.O, 192.741(a) (192.741(b), 192.741(c))
References
Question Text *Are telemetering or recording gauges properly utilized as required for distribution systems?*
Assets Covered 90878 (1920)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
130. Question Result, ID, NA, MO.GMOPP.MULTIPRESSREG.O,
References
Question Text *Are regulator stations installed in a manner to provide protection between regulator stages?*
Assets Covered 90878 (1920)
Result Notes No such relevant facilities/equipment existed in the scope of inspection review. The stations visited were single cut regulators during this inspection.
131. Question Result, ID, Sat, MO.GM.DISTVALVEINSPECT.O, 192.747(a) (192.747(b))
References
Question Text *Is proper inspection being performed for each distribution system valve that might be required in an emergency, and prompt remedial action to correct any valves found inoperable?*
Assets Covered 90878 (1920)
Result Notes There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"
132. Question Result, ID, Sat, FS.FG.CASING.O,
References
Question Text *Are all casings bare steel and do they have test leads installed on new casings without vents?*
Assets Covered 90878 (1920)
Result Notes The operator said there may potentially be a pre code that the casing was coated. TLs are on casings without vents. There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"
133. Question Result, ID, NA, FS.FG.CASESEAL.O,
References
Question Text *Does the operator seal both ends of casings/conduits for mains and transmission lines and seal the end nearest the building for service lines?*
Assets Covered 90878 (1920)
Result Notes No such activity/condition was observed during the inspection.

134. Question Result, ID, References **NA, FS.FG.VAULTINSPECT.O, 192.749(a) (192.749(b), 192.749(c), 192.749(d))**
 Question Text *Are inspections of selected vaults with internal volume =200 cubic feet (5.66 cubic meters) housing pressure regulating/limiting equipment adequate?*
 Assets Covered **90878 (1920)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
135. Question Result, ID, References **NA, AR.RMP.IGNITION.O, 192.751(a) (192.751(b), 192.751(c))**
 Question Text *Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.*
 Assets Covered **90878 (1920)**
 Result Notes **No such activity/condition was observed during the inspection.**
136. Question Result, ID, References **NA, DC.PLASTIC.PLASTICWEAKLINK.O, 192.329(b) (192.376(b), 192.303)**
 Question Text *Do field observations confirm plastic lines and plastic service lines are being installed using a "weak link" (as defined by §192.3) to ensure the pipeline will not be damaged by any excessive forces during the pulling process?*
 Assets Covered **90878 (1920)**
 Result Notes **No such activity/condition was observed during the inspection.**
137. Question Result, ID, References **NA, MO.GM.EQUIPPLASTICJOINT.O, 192.756**
 Question Text *Is proper maintenance being performed on equipment used in joining plastic pipe by heat fusion in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?*
 Assets Covered **90878 (1920)**
 Result Notes **No such activity/condition was observed during the inspection.**
138. Question Result, ID, References **Sat, MO.GM.ONSITEPROCS.O,**
 Question Text *Are procedures applicable to the work being done located onsite where the work is being done?*
 Assets Covered **90878 (1920)**
 Result Notes **Procedures for the tasks we performed were on site.**
139. Question Result, ID, References **Sat, MO.RW.BUSINESSDIST.O, 192.723(b)(1) (192.721(b)(1), 192.723(a), 192.613)**
 Question Text *Do field observations indicate Business Districts are properly identified?*
 Assets Covered **90878 (1920)**
 Result Notes **Several locations that had new business districts added recently were visited and checked during the leak survey records review.**
140. Question Result, ID, References **NA, AR.PTI.PLASTICPRESSURETEST.O,**
 Question Text *Is plastic pipe installed and backfilled prior to pressure testing?*
 Assets Covered **90878 (1920)**
 Result Notes **No such activity/condition was observed during the inspection.**
141. Question Result, ID, References **Sat, AR.PTI.EQUIPCALIB.O,**
 Question Text *Is pressure testing equipment calibrated according to calibration schedules and procedures?*
 Assets Covered **90878 (1920)**
 Result Notes **Calibration checks are in Form "R". There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"**

MISCTOPICS.PROT9: OQ Field Inspection

142. Question Result, ID, References **NA, TQ.PROT9.CORRECTION.O, 192.801(a) (192.809(a))**

Question Text *Have potential issues identified by the OQ plan inspection process been corrected at the operational level?*

Assets Covered 90878 (1920)

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

143. Question Result, ID, References Sat, TQ.PROT9.QUALIFICATIONSTATUS.O, 192.801(a) (192.809(a))

Question Text *Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.*

Assets Covered 90878 (1920)

Result Notes OQs for this inspection were checked for the following individuals:

J Bensen

Morgan Gray

Pressure guy 1 and 2

144. Question Result, ID, References Sat, TQ.PROT9.TASKPERFORMANCE.O, 192.801(a) (192.809(a))

Question Text *Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures.*

Assets Covered 90878 (1920)

Result Notes OQ qualifications for field observations are in the attached Form R. There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"

145. Question Result, ID, References Sat, TQ.PROT9.AOCRECOG.O, 192.801(a) (192.809(a))

Question Text *Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.*

Assets Covered 90878 (1920)

Result Notes Field staff were aware and discussed AOCs.

146. Question Result, ID, References Sat, TQ.PROT9.VERIFYQUAL.O, 192.801(a) (192.809(a))

Question Text *Observe in the field (job site, local office, etc.) that the foreman/supervisor/manager has verified the qualification of the individual performing the task, that the qualification records are current, and ensure the personal identification of all individuals performing covered tasks are checked, prior to task performance.*

Assets Covered 90878 (1920)

Result Notes The CNGC compliance team and management checked OQs before assigning individuals to the field inspection portion.

MISCTOPICS.OPTRQUAL: Operator Qualification

147. Question Result, ID, References Sat, TQ.OQ.OQPLAN.O, 192.805(h)

Question Text *Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?*

Assets Covered 90878 (1920)

Result Notes There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"

148. Question Result, ID, References Sat, TQ.OQ.RECORDS.R, 192.807

Question Text *Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?*

Assets Covered 90878 (1920)

Result Notes I asked to see OQ records for the 6-22-2023 exam individual CT 192.0401.92 01/09/2020 - 12/17/2024 (Preston Hansen) performed at NW 8th and Clark St in Kelso. Additionally, Joshua Setzer exam OQs for

the 3-16-23 4in and .75in_STL-KLA-03-06-23.pdf requested and reviewed. CT 192.0401.92 qualification 07/18/2022. The PE was 08/16/2022.

Morgan Grays EWN 2-7-2024 CT Status List was reviewed. Selected areas are listed below, but he maintains more than these qualifications.

192-0501.01 Maintain Rectifier (1:3) 12/7/2023 12/6/2028

192-0401.01 Perform Visual Inspection for Atmospheric Corrosion (1:3) 1/10/2024 1/3/2029

192-0401.06 Measure External Corrosion (1:3) 1/10/2024 1/3/2029

192-0505.01 Inspect or Test Cathodic Protection Bonds (1:3) 1/4/2024 12/7/2028

192-0505.02 Inspect or Test Cathodic Protection Electrical Isolation Devices (1:3) 12/7/2023 12/7/2028

192-0512.01 Measure Structure-to-Electrolyte Potential (1:3) 1/10/2024 12/7/2028

192-1413.01 Install and Maintain Pipeline Markers (1:3) 4/27/2022 4/27/2025

149. Question Result, ID, References Sat, TQ.OQ.TRAINING.R, 192.807(a) (192.807(b))
Question Text *Does the operator have records for initial qualification, retraining and reevaluation of individuals performing covered tasks?*
Assets Covered 90878 (1920)

150. Question Result, ID, References Sat, TQ.OQ.OQCONTRACTOR.R, 192.807(a) (192.807(b))
Question Text *Are adequate records containing the required elements maintained for contractor personnel?*
Assets Covered 90878 (1920)

151. Question Result, ID, References Sat, TQ.OQ.ABNORMAL.R, 192.807(a) (192.807(b), 192.803)
Question Text *Do records document evaluation of qualified individuals for recognition and reaction to AOCs?*
Assets Covered 90878 (1920)

152. Question Result, ID, References Sat, TQ.OQ.ABNORMAL.O, 192.803
Question Text *Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions?*
Assets Covered 90878 (1920)
Result Notes There were no issues - All field observations of these assets were documented and are contained within the attached "Form R - Field Notes.doc"

MISCTOPICS.PUBAWARE: Public Awareness Program Effectiveness

153. Question Result, ID, References Sat, EP.ERG.LIAISON.R, 192.603(b) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-2005-03) (also presented in: PRR.OM)
Question Text *Do records indicate liaisons established and maintained with appropriate fire, police, other public officials, and 911 emergency call centers in accordance with procedures?*
Assets Covered 90878 (1920)
Result Notes Records for the last 3 years were provided and reviewed. Mailing lists, contacts, and content was provided and reviewed.

Bulk postage receipt reviewed

154. Question Result, ID, References Sat, PD.PA.LANGUAGE.R, 192.616(g) (API RP 1162 Section 2.3.1) (also presented in: PRR.OM)
Question Text *Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-English speaking populations in the operator's areas?*

Assets Covered 90878 (1920)

Result Notes I reviewed the provided file, 2022 Language Information_ US Census_09220222 containing the 2020 American Community Survey 5-Year Estimates. Several Counties in Washington were identified as having a larger percentage of non-English speaking households.

They are mailed in English and Spanish. These are sent to all the addresses in CNGCs service area.

155. Question Result, ID, References Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4) (also presented in: PRR.OM)

Question Text *Do records indicate program effectiveness evaluation(s) have been performed and cover all program requirements and all systems covered by the program?*

Assets Covered 90878 (1920)

Result Notes 2022 Effectiveness Survey reviewed. Per our past inspection notes reviewed and the operator statement, the previous inspection was performed in 2018. It is performed by Culver

Except as required to be disclosed by law, any inspection documentation, including completed protocol forms, summary reports, executive summary reports, and enforcement documentation are for internal use only by federal or state pipeline safety regulators. Some inspection documentation may contain information which the operator considers to be confidential. In addition, supplemental inspection guidance and related documents in the file library are also for internal use only by federal or state pipeline safety regulators (with the exception of documents published in the federal register, such as advisory bulletins). Do not distribute or otherwise disclose such material outside of the state or federal pipeline regulatory organizations. Requests for such information from other government organizations (including, but not limited to, NTSB, GAO, IG, or Congressional Staff) should be referred to PHMSA Headquarters Management.