## **Inspection Output (IOR)**

Generated on 2023. May. 31 15:55

### **Report Filters**

Assets Kennewick Standard / Kennewick Results All

### **Inspection Information**

Inspection Name 8584 CNGC Standard Kennewick Status PLANNED Start Year 2023

System Type GD
Protocol Set ID WA.GD.2022.02

Operator(s) CASCADE NATURAL GAS CORP (2128)
Lead Anthony Dorrough
Supervisor Dennis Ritter
Director Scott Rukke

Plan Submitted 01/19/2023
Plan Approval 01/19/2023
by Dennis
Ritter
All Activity Start 05/08/2023
All Activity End 05/12/2023
Inspection Submitted --

Inspection Approval --

#### **Inspection Summary**

#### **Inspection Scope and Summary**

This was a 2023 CNGC unit inspection of the Kennewick district. The last inspection was in 2020 with no apparent findings.

#### Facilities visited and Total AFOD = 6

Records: 3

Field: 3

#### **Summary of Significant Findings**

Report Filters: Results: all

There we no probable violations, however [1] area of concern was identified.

#### **Primary Operator contacts and/or participants**

Colby Lundstrom, Manager, Compliance Operations Programs Colby.Lundstrom@mdu.com 509-520-0718

Wendy McDonough, Compliance Audit Specialist Wendy. McDonough@mdu.com 509-970-4156

Darren Tinnerstet, Compliance Audit Specialist Darren. Tinnerstet @mdu.com 509-518-0219

Zach Smith, District Manager Zach.Smith@cngc.com 509-736-5548

Clayton Moreau, District Operations Manager Clayton. Moreau@cngc.com 509-736-5547

David Cantu, Service Mechanic David.Cantu@cngc.com

Daniel Hamilton, Corrosion Control Technician II Daniel.Hamilton@cngc.com

Colby Kadinger, Meter Inspector C Colby.Kadinger@cngc.com

#### Operator executive contact and mailing address for any official correspondence

Pat Darras, VP, Engineering & Operations Services, pat.darras@mdu.com (701) 222-7923 | (701) 391-0527

Ι

### Scope (Assets)

# Short Name	e Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1. Kennewick	Kennewick Standard	unit		Storage Fields Bottle/Pipe - Holders Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric	143	143	143	100.0%

<sup>1.</sup> Percent completion excludes unanswered questions planned as "always observe".

### **Plans**

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

### **Plan Implementations**

										Require
										d
	<b>SMAR</b>	Start	Focus	Involved		Qst			Total	%
	T	Date	<b>Directive</b>	Groups/Subgrou	<b>Asset</b>	Type(s	Planne	Require	Inspecte	Complet
# Activity Name	Act#	<b>End Date</b>	s	ps	s	)	d	d	d	е
1 Kennewick Records & Fi . eld		05/08/202 3 05/12/202 3		all planned questions	all assets	all types	143	143	143	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".
- 3. Question counts and completion percents are filtered to include only questions planned for and results applied to the filtered Assets.

#### **Forms**

No. Entity	Form Name	Status	<b>Date Completed</b>	Activity Name	Asset
1. Attendance List	Kennewick Records & Field	COMPLETED	05/31/2023	Kennewick Records & Field	Kennewick

### Results (all values, 143 results)

147 (instead of 143) 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, Sat, MO.GO.ODDOR.P, 192.605(a) (192.605(b)(11)) References

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

Assets Covered Kennewick

Result Notes OPS 613 - Gas Emergency Response - Section 4.2 - Section 11.0 Inside Leak Order

OPS 617 - Outside Leak Investigation - Section 1.2 & Section 1.3

#### PRR.REPORT: Reporting

2. Question Result, ID, 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 Kennewick

Result Notes [3] State (2021)

3. Question Result, ID, Sat, 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 Kennewick

Result Notes [1] PHMSA (2021)

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

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

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

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 Kennewick

Result Notes Reviewed annual reports for 2020-22. No issues.

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 Kennewick

Result Notes Reviewed email documentation. No issues.

7. Question Result, ID, NA, 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 Kennewick

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

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

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

Assets Covered Kennewick

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

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

> 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?

> > 8584 CNGC Standard Kennewick

Assets Covered Kennewick

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

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

References

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

Assets Covered Kennewick

Result Notes Viewed all reports for 2020-22. No issues.

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

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

Assets Covered Kennewick

Result Notes Reviewed CCMB samples mailed to new customers.

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

> 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 Kennewick

Result Notes Reviewed daily construction and repair reports.

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

> 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 Kennewick

Result Notes Operator Sends out maps upon request, crews and responders have access through laptops.

#### PRR.CORROSION: Corrosion Control

14. Question Result, ID, 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 Kennewick

Result Notes Reviewed Brandon P. Crov's - CP-3 - NACE certification

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

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

Assets Covered Kennewick

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

16. Question Result, ID, 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 Kennewick

Result Notes Reviewed pipeline condition reports for 2020-22

17. Question Result, ID, 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 Kennewick

Result Notes Reviewed all annuals

References

18. Question Result, ID, 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 Kennewick

Result Notes Reviewed all records, drilled in on selected deficiencies'

W/O 32-079 - Low read at rectifier - found short at 1602 W 2nd Ave - ground wire wrapped around regulator and meter bar- removed wire and adjust GB28 to reflect current output same time as previous vear.

W/O 32-083 - Probe shorted out, installed new probe.

W/O 32-086 - Tech found no LCP's (low reads) after all

References

19. Question Result, ID, 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 Kennewick

Result Notes Recently formed with Williams, still in a testing capacity, may only be critical for a short period of time until adjustments can be made.

Date installed 5/11/2023.

ACV 0.116,

On read -1.078,

Off read -0.823.

Shunt MCM 1A=.01V Drop,

8A Capacity.

A LOW CP was created in I&S (Maximo WO11620553).

Reg Station ID 47693-RS-59341 (R-113)

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

> Question Text Do records adequately document actions taken to correct any identified deficiencies in corrosion control? Assets Covered Kennewick

Result Notes Reviewed all annuals for 2020-21-22

References

21. Question Result, ID, 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 Kennewick

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

22. Question Result, ID, NA, FS.FG.CASINGTESTLEAD.R, References

> Question Text Do records indicate that all casings without vents installed after September 5, 1992 had separate test lead wires installed?

Assets Covered Kennewick

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

References

23. Question Result, ID, 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 Kennewick

Result Notes Reviewed as-built for a casing that was installed in 2022, no other examples.

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

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 Kennewick

Result Notes Reviewed casing records for shorted casings 2020, 21, 22

25. Question Result, ID, Sat, TD.CP.CASINGINSPECT.R, References

Question Text Do records indicate that annual casing inspections have been performed to ensure electrical isolation from the pipeline?

Assets Covered Kennewick

Result Notes Viewed list of deficiencies and followed w/o through for all three years

26. Question Result, ID, Sat, TD.CPMONITOR.TESTSTATION.R, 192.469

Question Text Do records identify the location of test stations and show a sufficient number of test stations?

Assets Covered Kennewick

Result Notes Located in annual CP and GIS maps that staff was able to review.

27. Question Result, ID, Sat, TD.CPMONITOR.TESTLEAD.R, 192.491(c) (192.471(a), 192.471(b), 192.471(c))

Question Text Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?

Assets Covered Kennewick

Result Notes CNGC tests isolation with Tinkor/Rasor for casings before this date.

28. Question Result, ID, Sat, TD.CPMONITOR.INTFRCURRENT.R, 192.491(c) (192.473(a))

Question Text Do records document an effective program is in place to minimize detrimental effects of interference currents and that detrimental effects of interference currents from CP systems on other underground metallic structures are minimized?

Assets Covered Kennewick

Result Notes Reviewed interference at foreign crossings list

29. Question Result, ID, 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 Kennewick

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

30. Question Result, ID, 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 Kennewick

Result Notes Reviewed Form 315R samples, Form 336 samples and Form 625 Dig Report samples.

31. Question Result, ID, 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 Kennewick

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

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

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

Assets Covered Kennewick

Result Notes Reviewed INS report for AC survey

W/O# 868939- 1005 Swift Blvd (Richland) - Stress bind deficiency - discovered 4/2/2020 resolved 2/8/21

W/O# 860091- 725 N Pittsburgh St - Corrosion or other issue, discovered 2/10/20 resolved 4/29/20

W/O# 872224- Vent issue deficiency - discovered 4/1/20 - resolved 7/7/20

W/O# 872811- [2] buried stop, vent issues deficiencies - discovered 4/16/20 - resolved 7/720 & (vent) 7/8/20

W/O# 860171- 2001 N Steptoe St - GIS deficiency - couldn't locate the W/O# for resolution

References

33. Question Result, ID, 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 Kennewick

Result Notes Reviewed selected construction documents

34. Question Result, ID, NA, TD.ICP.EVALUATE.R, 192.491(c) (192.487) References

Question Text Do records document adequate evaluation of internally corroded pipe?

Assets Covered Kennewick

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

35. Question Result, ID, NA, AR.RCOM.REPAIR.R, 192.491(c) (192.487, 192.489) References

> 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 Kennewick

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

#### **PRR.PT: Pressure Test**

36. Question Result, ID, 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 Kennewick

Result Notes Reviewed selected jobs above 100 psig and calibration logs.

W/O# 265760 - Strength test at 949.6 psig for 25 hours 12/17 & 12/18 (2020) Wallula & Burbank

W/O# 284968 - Strength test at 962.6 (max) & 939 (min) psig for 17 hours 50 mins 2/22 & 2/23 (2021) Wallula & Burbank

W/O# 292856 & 292857 - 814 (max) & 796 (min) psig for 4 hours 6/2/2022 Pasco

References

37. Question Result, ID, 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 Kennewick

Result Notes Reviewed a sampling of work orders:

W/O# 289892 & 289732-110lb-1hr (main) (9/15/22)

```
W/O# 285937-100lbs-1hr (3/9/21)
                       W/O# 288428-100lbs-1 hr (7/7/21)
                       W/O# 276434-100lbs-1hr (main)
38. Question Result, ID, Sat, DC.PT.SERVICELINE.R, 192.517(b) (192.511(a), 192.511(b), 192.511(c))
            References
         Question Text Do records indicate that pressure testing is conducted in accordance with 192.511?
        Assets Covered Kennewick
          Result Notes Reviewed a sampling of 315R forms:
                       W/O# 294022 100lbs 30min (riser)(2022)
                       W/O# 296037 100lbs 30min (riser w/EFV)(2022)
                       W/O# 282105 95lbs 30min (svc)(2020)
                       W/O# 47693-0100 98lbs 15min(2021)
39. Question Result, ID, Sat, DC.PT.PRESSTESTPLASTIC.R, 192.517(b) (192.513(a), 192.513(b), 192.513(c), 192.513(d))
            References
         Question Text Do records indicate that pressure testing is conducted in accordance with 192.513?
        Assets Covered Kennewick
          Result Notes Reviewed a sampling of work orders, no issues.
                       2022 - w/o 47693-0100 98lbs 15 min (svc) - w/o 47744-0100 98lbs 15 min (Svc)
                       2021 - w/o 47693-0100 98 llbs 15 min (svc)
                       2020 - w/o 282809 100 lbs 30 min (svc) w/o 284099 100lbs 30 min
```

#### PRR.UPRATE: Uprating

40. Question Result, ID, 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 Kennewick

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

41. Question Result, ID, 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 Kennewick

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

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

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

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

#### PRR.OM: Operations And Maintenance

43. Question Result, ID, Sat, MO.GO.OMANNUALREVIEW.R, 192.605(a)
References

Question Text Have annual reviews of the written procedures or processes in the manual been conducted as required? Assets Covered Kennewick

Result Notes Reviewed list of annual review procedures for 2020-21-22

44. Question Result, ID, Sat, MO.GO.OMHISTORY.R, 192.605(a) (192.605(b)(3))
References

Question Text Are construction records, maps and operating history available to appropriate operating personnel? Assets Covered Kennewick

Result Notes All employees have access to GIS through a hyperlink provided at any location with connectivity.

45. 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 Kennewick

Result Notes Reviewed Form 640 Construction Inspection Checklists for 2020-21-22

[2] Deficiencies' (2022)

[20] (2021)

[10] Deficiencies' (2020)

46. Question Result, ID, Deferences 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 Kennewick

Result Notes Reviewed sampling from Form 23001-Incident/Hazardous Conditions Report

4/13/22 - R-79 @ Rd 60 and Burden Blvd - Pasco

9/4/21 - 6619 Argos St - West Richland

8/18/20 - Keene Rd - Richland

47. Question Result, ID, 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 Kennewick

Result Notes Reviewed mock emergency drills for: 11/22/22; 9/28/21 and 10/7/20

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

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

Assets Covered Kennewick

Result Notes CNGC sends out a mailing annually for first responders and utilities and every three years for public officials.

Reviewed lists for all three groups, staff should check to see if there is a face to face contact being made as well during next HQ PA inspection.

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

Result Notes CNGC conducts a language study every five years and their website allows for translation to [14] different languages.

50. 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 Kennewick

Result Notes CNGC uses Culver Reports "Effectiveness Evaluation" a third party product.

51. Question Result, ID, NA, PD.PA.MSTRMETER.R, 192.616(j) (192.616(h), API RP 1162 Section 2.7 (Step 12), API RP 1162 References Section 8.5) (also presented in: MISCTOPICS.PUBAWARE)

Question Text Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?

Assets Covered Kennewick

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

52. Question Result, ID, Sat, EP.ERG.INCIDENTANALYSIS.R, 192.605(a) (192.617)

Question Text Do records indicate actions initiated to analyze accidents and failures, including the collection of appropriate samples for laboratory examination to determine the causes of the failure and minimize the possibility of recurrence, in accordance with its procedures?

Assets Covered Kennewick

Result Notes Reviewed OPS-625 - Materials and Failure Report Investigations

53. Question Result, ID, 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 Kennewick

Result Notes Reviewed OPS-614 - Damage Prevention Program

54. Question Result, ID, Sat, MO.GOMAOP.MAOPDETERMINE.R, 192.619(a) (192.619(b), 192.621(a), 192.621(b), 192.623(a), References 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 Kennewick

Result Notes CNGC is near completing work involving system MAOP's in compliance with a previous settlement agreement.

Reviewed selected W/O's in the Pasco area

W/O# 292856 & 292857 - No issues

55. Question Result, ID, Sat, MO.GOODOR.ODORIZE.R, 192.709(c) (192.625(a), 192.625(b), 192.625(c), 192.625(d), References 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 Kennewick

Result Notes Reviewed monthly reads for 2022-21

Reviewed Jan, Apr, Jun, Oct for 2020

56. Question Result, ID, 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 Kennewick

Result Notes Reviewed patrolling records for 2020-2021-2022

57. Question Result, ID, Sat, MO.RW.LEAKFOLLOW.R, References 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 Kennewick Result Notes 293 Form - Leak investigation records -249425 12/28/21 - 1/3/2022 292166 2/16/22 -2/16/22 295819 9/21/22 - 9/22/22 296361 10/24/22 -11/8/22 282833 8/4/20 - 2/24/21 284469 11/10/20 - 3/19/21 287542 5/18/21 - 10/2/21 282451 8/6/20 -9/4/20 283290 9/17/20 - 9/17/20 283622 10/6/20 - 10/6/20 284948 11/23/20 - 11/25/20 284150 11/3/20 - 11/4/20 58. Question Result, ID, NA, MO.RW.DOWNGRADELEAKREPAIR.R, References Question Text Do records indicate that leaks that have been downgraded are repaired within twenty-one months? Assets Covered Kennewick Result Notes No such activity/condition was observed during the inspection. 59. Question Result, ID, Sat, MO.RW.LEAKREPAIRTIME.R, References Question Text Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601? Assets Covered Kennewick Result Notes W/O# 291967 2/4/22 - 2/4/22 W/O# 293457 4/27/22- 4/27/22

W/O# 294523 7/5/22 - 7/5/22

60. Question Result, ID, Sat, MO.RW.LEAKRECORDS.R,

Question Text Have gas leak records been prepared and maintained as required?

Assets Covered Kennewick

Result Notes No issues.

61. Question Result, ID, 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 Kennewick

### Result Notes Reviewed Leakage Surveys for 2020-2022 (5 year cycle) High Pressure - Finley High Pressure - Kennewick **Business -Finley** Business -Burbank **Business - Pasco Business - Richland** 62. Question Result, ID, Sat, MO.RW.CASINGLEAKSURVEY.R, References Question Text Do records indicate shorted casings were leak surveyed as required? Assets Covered Kennewick Result Notes Reviewed a sampling of "Shorted Casing Leak Surveys for 2022-21 W/O# 10940000 2" DP W/O# 11436842 8" HP 63. Question Result, ID, Sat, MO.RW.MARKERSURVEY.R, References Question Text Do records indicate that pipeline marker surveys were completed in the timeframe specified by WAC 480-93-124? Assets Covered Kennewick Result Notes Reviewed Leak Survey which has Marker Survey incorporated 64. Question Result, ID, Sat, MO.RW.MARKERREPLACE.R, References Question Text Do records indicate that damaged or missing markers were replaced within forty-five days of discovery? Assets Covered Kennewick Result Notes Reviewed pipeline marker deficiency work orders for 2021 & 2022, there were none in 2020. 65. Question Result, ID, 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 Kennewick Result Notes Reviewed 315R Forms for 2020-2022 W/O# 296591 96lbs 15 min (svc) W/O# 295958 95 lbs 15 min (svc) 9/29/22 W/O# 296069 8/10/22 94 lbs 15 min (svc) W/O# 294462 93 lbs 15 min (svc) W/O# 293098 95lbs 15mins (svc) 1/17/21 (2020)W/O# 282809 100lbs 30 min svc

```
W/O# 284099 100lbs 30 min svc
                       W/O# 290390 90lbs 15 min svc
                       W/O# 289004 100lbs 30 min
66. Question Result, ID, Sat, MO.GM.ABANDONPIPE.R, 192.709(c) (192.727(a), 192.727(b), 192.727(c), 192.727(d), 192.727(e),
            References 192.727(f), 192.727(g))
         Ouestion Text Do records indicate pipelines and facilities were abandoned or deactivated in accordance with
                       requirements?
        Assets Covered Kennewick
           Result Notes Reviewed Abandonments 2020-2022
                       W/O# 291093 100 lbs 30 min (svc)
                       W/O# 288315 100 lbs 30 min svc
                       W/O# 294488 100 lbs 30 min (svc)
                       W/O# 286420 system pressure 5 min (stub)
                       W/O# 288102 11/29/21 98lbs 15 min (main)
                       W/O# 282678 100lbs 30 min
67. Question Result, ID, Sat, MO.GMOPP.PRESSREGTEST.R, 192.709(c) (192.739(a), 192.739(b))
            References
         Question Text Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating
                       stations?
        Assets Covered Kennewick
           Result Notes Reviewed Annual Regulator Station Surveys for 2022, 21, 20
68. Question Result, ID, Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a), 192.743(b), 192.743(c))
            References
         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 Kennewick
           Result Notes Reviewed Annual Regulator Station Surveys for 2022, 21, 20
69. Question Result, ID, Sat, DC.METERREGSVC.REGTEST.R,
            References
         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 Kennewick
           Result Notes Reviewed selected turn-ons and new meter installs.
                       Field Activity (FA-ID) 182617685 - 2020 SE Corcoran (9/25/20)
                       (FA-ID) 7104341049 - 1139 S Bloeberg Pl - Kennewick (2020)
                       (FA-ID) 3626630608 - 118 S Jefferson PI - Kennewick (3/18/21)
                       (FA-ID) 5695705128 - 5065 W 28th Ave - Kennewick (10/12/21)
                       (FA-ID) 83929453069 - 4187 Corvina St - Richland (4/28/21)
                       (FA-ID) 4417511429 - 5510 W Clearwater Ave - Kennewick (2022)
                       (FA-ID) 3240113841 - 104539 E Tatum Blvd - Kennewick (12/14/22)
```

```
(FA-ID) 5630935279 - 302 N Underwood, Apt 3 - Kennewick (7/18/22)
```

70. Question Result, ID, 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 Kennewick

Result Notes Reviewed 100% of valve records for 2022, 21, 20

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

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 Kennewick

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

72. Question Result, ID, 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 Kennewick

Result Notes Reviewed sampling of Form 640-Contruction Check List's

8716 W Hood Ave - Kennewick 6/8/22

3842 Curtis - 4/30/21

Heights @Red Mountain Phase 2 12/21/20

73. Question Result, ID, 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 Kennewick

Result Notes Reviewed selected As-builts

W/O# 266183 - R-128, Railex Rd @ Raindance Rd - Burbank (2020)

W/O# 265760 - Gas Main, 8653 Dodd Rd - Burbank (2021)

W/O# 292857 & W/O# 292856 - R-137 & Gas Main 5526 N Capitol Ave - Pasco (2022)

74. Question Result, ID, Sat, DC.WELDPROCEDURE.WELD.R, 192.225(a) (192.225(b)) References

Question Text Do records indicate weld procedures are being qualified in accordance with 192.225?

Assets Covered Kennewick

Result Notes Reviewed PQR Form and 21725-Welding Procedure Qualification Record dated 7/28/21. CNG uses API 1104

75. Question Result, ID, Sat, DC.WELDPROCEDURE.ESSENTIAL.R, References

Question Text Do records indicate that essential variables were measured and documented when welders and procedures were qualified?

Assets Covered Kennewick

Result Notes Reviewed records for welder [Alex Kahl] for 2022-21-20 and [Justin Gover] for 2022

76. Question Result, ID, Sat, TQ.QUOMCONST.WELDER.R, 192.227(a) (192.227(b), 192.229(a), 192.229(b), 192.229(c), References 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 Kennewick

Result Notes Reviewed records for welder [Alex Kahl] for 2022-21-20 and [Justin Gover] for 2022

77. Question Result, ID, 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 Kennewick

Result Notes CNG uses Mistras Test Company. Reviewed qualification records for NDT.

Brian Martin - Certificate #111909 - Validation 10/22 (Good for 3 years)

Joshua Remme - Certificate #199993 - Validation 9/22 (Good for 5 years)

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

Question Text Have plastic pipe joining procedures been qualified in accordance with 192.283?

Assets Covered Kennewick

Result Notes CNGC uses TR33 - manufacturers qualified joining procedures

79. Question Result, ID, Sat, DC.CO.PLASTICJOINTQUAL.R, 192.285(d) (192.285(a), 192.285(b), 192.285(c), 192.807(a), References 192.807(b))

Question Text Do records indicate persons making joints in plastic pipelines are qualified in accordance with 192.285? Assets Covered Kennewick

Result Notes Reviewed records for fusers [Alex Kahl] for 2022-21-20 and [Justin Gover] for 2022

80. Question Result, ID, Sat, DC.CO.PLASTICJOINTINSP.R, 192.287 (192.807(a), 192.807(b)) References

Question Text *Do records indicate persons inspecting the making of plastic pipe joints have been qualified?*Assets Covered Kennewick

Result Notes Reviewed Form 23002 and records for Justin Palmer, Sr. Supervisor Construction Services

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

Question Text Do records indicate minimum separation requirements are met for plastic pipelines?

Assets Covered Kennewick

Result Notes Reviewed a sampling of Forms 315R & 336

W/O# 296591 - 539 Tanglewood Dr - Richland 11/9/22

W/O# 289004 - 450 Hanford St - Richland 8/11/21

W/O# 284099 - 7413 Courtney Dr - Pasco 11/3/20

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

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 Kennewick

Result Notes Reviewed sampling of Electrofusion Calibration Certifications

Serial# 9692491 calibrated 4/6/22 due in 2025

Serial# 9630709 calibrated 2/21/21 due in 2024

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

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

Assets Covered Kennewick

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

References

84. Question Result, ID, 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 Kennewick

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

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

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

Assets Covered Kennewick

Result Notes Reviewed all class locations

#### FR.FIELDPIPE: Pipeline Inspection (Field)

86. Question Result, ID, Sat, DC.MA.MARKING.O, 192.63(a) (192.63(b), 192.63(c), 192.63(d)) References

> Question Text Are pipe, valves, and fittings properly marked for identification in accordance with the requirements of 192.63?

Assets Covered Kennewick

Result Notes All materials observed were adequately marked.

87. Question Result, ID, 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 Kennewick

Result Notes All observed flanges were rated for the MAOP

88. Question Result, ID, NA, 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 Kennewick

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

89. Question Result, ID, Sat, DC.CO.PLASTICPIPEPROC.O, References

> Ouestion Text Is plastic pipe handled, stored and installed in accordance with manufacturer's recommendations, including maximum ultraviolet exposure?

Assets Covered Kennewick

Result Notes Pipeline was stored properly.

90. Question Result, ID, Sat, DC.CO.PLASTICPIPESEP.O,

References

Question Text Are plastic pipelines installed with the minimum separation from other utilities as required?

Assets Covered Kennewick

Result Notes PE pipelines were installed properly according to crew inspections observed.

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

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

Assets Covered Kennewick

Result Notes PE pipelines were installed properly according to crew inspections observed.

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

Question Text Verify that the operator has limits in place for squeezing plastic pipe.

Assets Covered Kennewick

8584 CNGC Standard Kennewick

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

93. Question Result, ID, Sat, DC.METERREGSVC.CUSTMETERREGLOC.O, 192.351 (192.353(a), 192.353(b), 192.353(c), References 192.353(d))

Question Text Are meters and service regulators being located consistent with the requirements of 192.353?

Assets Covered Kennewick

Result Notes Observed random sample of residential and commercial services during pre-field checks.

94. Question Result, ID, References Sat, DC.METERREGSVC.CUSTMETERREGPROT.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 Kennewick

Result Notes Observed random sample of residential and commercial services during pre-field checks.

95. Question Result, ID, Sat, DC.METERREGSVC.CUSTMETERREGINSTALL.O, 192.351 (192.357(a), 192.357(b), 192.357(c), References 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 Kennewick

Result Notes Observed random crew inspections earlier in the year.

96. Question Result, ID, Sat, DC.METERREGSVC.CUSTMETEROPPRESS.O, 192.351 (192.359(a), 192.359(b), 192.359(c))
References

Question Text Are customer meter operating pressures consistent with the requirements of 192.359?

Assets Covered Kennewick

Result Notes Observed random crew inspections earlier in the year.

97. Question Result, ID, Sat, DC.METERREGSVC.SVCLINEINSTALL.O, 192.351 (192.361(a), 192.361(b), 192.361(c), 192.361(d), References 192.361(e), 192.361(f), 192.361(q))

Question Text Are customer service lines being installed consistent with the requirements of 192.361?

Assets Covered Kennewick

Result Notes Observed random crew inspections earlier in the year.

98. Question Result, ID, Sat, DC.METERREGSVC.SVCLINEVLVLOCATEREQT.O, 192.351 (192.363(a), 192.363(b), 192.363(c), References 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 Kennewick

Result Notes Observed random crew inspections earlier in the year.

99. Question Result, ID, Sat, DC.METERREGSVC.SVCLINECONNECT.O, 192.351 (192.367(a), 192.367(b), 192.369(a), References 192.369(b))

Question Text Are customer service lines being installed with connections meeting the requirements of 192.367 and 192.369?

Assets Covered Kennewick

Result Notes Observed random crew inspections earlier in the year.

100. Question Result, ID, Sat, DC.METERREGSVC.SVCLINEMATERIAL.O, 192.351 (192.371, 192.373(a), 192.373(b), 192.373(c), References 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 Kennewick

Result Notes Observed random crew inspections earlier in the year.

101. Question Result, ID, Sat, DC.METERREGSVC.NEWSVCLINENOTUSED.O, 192.351 (192.379, 192.379(a), 192.379(b), References 192.379(c))

Question Text Are new customer service lines not in use configured in accordance with the requirements of 192.379? Assets Covered Kennewick

Result Notes Observed random crew inspections earlier in the year.

102. Question Result, ID, Sat, DC.METERREGSVC.EXCSFLOWVLVLOCATE.O, 192.351 (192.381(c), 192.381(d), 192.381(e))

Question Text Are service line excess flow valves located and identified in accordance with the requirements of 192.381?

Assets Covered Kennewick

Result Notes Observed random crew inspections earlier in the year.

103. Question Result, ID, References Sat, DC.METERREGSVC.REGTEST.O,

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

Assets Covered Kennewick

Result Notes Observed during random crew inspections earlier in the year.

104. Question Result, ID, Sat, DC.WELDPROCEDURE.ONSITE.O,

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

Assets Covered Kennewick

Result Notes Observed during random crew inspections earlier in the year.

105. Question Result, ID, Sat, DC.WELDPROCEDURE.ESSENTIAL.O, References

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

Assets Covered Kennewick

Result Notes Observed during random crew inspections earlier in the year.

106. Question Result, ID, References Sat, TD.COAT.NEWPIPEINSTALL.O, 192.461(d)

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

Assets Covered Kennewick

Result Notes Observed during random crew inspections earlier in the year.

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

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

Assets Covered Kennewick

Result Notes Observed during CP readings taken during the field portion of this inspection.

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

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

Assets Covered Kennewick

Result Notes All rectifiers inspected and tested were good.

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

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 Kennewick

Result Notes All facilities inspected and tested were properly isolated.

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

Question Text Are casings electrically isolated from the pipeline?

Assets Covered Kennewick

Result Notes All casings tested were isolated.

111. Question Result, ID, Sat, TD.CPMONITOR.TESTSTATION.O, 192.469

Question Text Do cathodically protected pipelines have a sufficient number of test stations?

Assets Covered Kennewick

Result Notes Observed during field portion of this inspection.

References

112. Question Result, ID, 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 Kennewick

Result Notes Test leads were installed as required.

113. Question Result, ID, NA, TD.CPMONITOR.INTFRCURRENT.O, 192.473(a) References

> Question Text Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?

Assets Covered Kennewick

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

114. Question Result, ID, NA, TD.ICP.CORRGASPRVNT.O, 192.475(a) References

> Question Text If the transportation of corrosive gas is not allowed, is the transportation of corrosive gas prevented? Assets Covered Kennewick

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

115. Question Result, ID, NA, TD.ICP.CORRGASACTION.O, 192.477 References

Question Text Are adequate actions taken when corrosive gas is being transported by pipeline?

Assets Covered Kennewick

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

116. Ouestion Result. ID. Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c),

References 192.481(d))

Question Text Do field observations indicate that pipe exposed to atmospheric corrosion is properly coated?

Assets Covered Kennewick

Result Notes Observed personnel checking pipe to soil interfaces at all regulator stations observed.

117. Question Result, ID, NA, PD.DP.ONECALL.O, 192.614(c)(3)

References

Question Text Observe operator process a "One Call" ticket.

Assets Covered Kennewick

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

References

118. Question Result, ID, 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 Kennewick

Result Notes Observed personnel taking samples at odorization test sites.

119. 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 Kennewick

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

120. Ouestion 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 Kennewick

Result Notes Observed line markers at all facilities visited during the field inspection.

121. Question Result, ID, Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best

References Practices, v4.0, Practice 4-20)

Question Text Are line markers placed and maintained as required for above ground pipelines?

Assets Covered Kennewick

Result Notes Observed line markers at all facilities visited during the field inspection.

122. Question Result, ID, Sat, MO.GMOPP.PRESSREGTEST.O, 192.739(a) (192.739(b))

Question Text Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?

Assets Covered Kennewick

Result Notes Regulators visited during the field portion were from Richland, Pasco, Kennewick Burbank and Finley areas, with no issues involving Di-thiazine.

123. 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 Kennewick

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

124. Question Result, ID, Sat, MO.GMOPP.MULTIPRESSREG.O, References

Question Text Are regulator stations installed in a manner to provide protection between regulator stages?

Assets Covered Kennewick

Result Notes All regulators observed met the requirement.

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

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 Kennewick

Result Notes All valves operated had no issues.

126. 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 Kennewick

Result Notes All casings observed had no issues.

127. Question Result, ID, Sat, 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 Kennewick

Result Notes All casings observed had no issues.

128. Question Result, ID, 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 Kennewick

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

129. Question Result, ID, Sat, AR.RMP.IGNITION.O, 192.751(a) (192.751(b), 192.751(c))

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

Assets Covered Kennewick

Result Notes Observed crews welding earlier in the year with no issues.

130. Question Result, ID, Sat, DC.CO.PLASTICWEAKLINK.O, 192.329(b) (192.376(b), 192.303)

Ouestion 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 Kennewick

Result Notes Observed crews in the field earlier in the year, no issues to report.

131. Question Result, ID, Sat, MO.GM.EQUIPPLASTICJOINT.O, 192.756 References

> Ouestion 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 Kennewick

Result Notes Observed crews in the field earlier in the year, no issues to report.

132. Question Result, ID, Sat, MO.GM.ONSITEPROCS.O, References

Question Text Are procedures applicable to the work being done located onsite where the work is being done?

Assets Covered Kennewick

Result Notes All procedures can be accessed electronically using a mobile, laptop or Pad

133. Question Result, ID, Sat, AR.PTI.PLASTICPRESSURETEST.O,

Question Text Is plastic pipe installed and backfilled prior to pressure testing?

Assets Covered Kennewick

Result Notes Observed during random crew inspections earlier in the year.

134. Question Result, ID, Sat, AR.PTI.EQUIPCALIB.O, References

Question Text Is pressure testing equipment calibrated according to calibration schedules and procedures?

Assets Covered Kennewick

Result Notes Observed during random crew inspections earlier in the year.

### **MISCTOPICS.PROT9: OQ Field Inspection**

135. Question Result, ID, Sat, 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 Kennewick

Result Notes W/O's were generated to resolve all issues that were identified and reviewed.

References

136. Question Result, ID, 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 Kennewick

137. Question Result, ID, 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 Kennewick

Result Notes All qualified individuals performed covered tasks without issues.

138. Question Result, ID, 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 Kennewick

Result Notes All qualified individuals performed covered tasks without issues.

139. 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 Kennewick

Result Notes All qualified individuals performed covered tasks without issues.

#### MISCTOPICS.OPTRQUAL: Operator Qualification

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

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

Assets Covered Kennewick

Result Notes All qualified individuals performed covered tasks without issues.

141. 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 Kennewick

Result Notes Reviewed Colby Kadinger - Assessment Activity Results for 3/12/21, and 2/9/22.

Reviewed Kenny Bolt - EWN-382144 Employee ID 849902 - External Coating - 3/10/2020

Reviewed Clinton Loy - EWN-913288 Employee ID 750515 9/16/2020

142. 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 Kennewick

Result Notes Reviewed Colby Kadinger - Assessment Activity Results for 3/12/21, and 2/9/22.

Reviewed Kenny Bolt - EWN-382144 Employee ID 849902 - External Coating - 3/10/2020

Reviewed Clinton Loy - EWN-913288 Employee ID 750515 9/16/2020

143. Question Result, ID, 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 Kennewick

Result Notes All qualified individuals performed covered tasks without issues.

#### MISCTOPICS.PUBAWARE: Public Awareness Program Effectiveness

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

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

Assets Covered Kennewick

Result Notes CNGC sends out a mailing annually for first responders and utilities and every three years for public officials.

Reviewed lists for all three groups, staff should check to see if there is a face to face contact being made as well during next HQ PA inspection.

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

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 Kennewick

Result Notes CNGC conducts a language study every five years and their website allows for translation to [14] different languages.

146. Question Result, ID, 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 Kennewick

Result Notes CNGC uses Culver Reports "Effectiveness Evaluation" a third party product.

147. Question Result, ID, NA, PD.PA.MSTRMETER.R, 192.616(j) (192.616(h), API RP 1162 Section 2.7 (Step 12), API RP 1162 References Section 8.5) (also presented in: PRR.OM)

Question Text Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?

Assets Covered Kennewick

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

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.

# **Inspection Results (IRR)**

Generated on 2023.May.31 15:51

### • Kennewick (147)

Ro		Posu	(Note		Qs t			
W	Assets	lt	1)	Sub-Group	#	Question ID	References	<b>Question Text</b>
1.	Kennewi ck	Sat		PRO.SUBLNORMOPS	7.	MO.GO.ODDOR.P	192.605(a) (192.605(b)(1 1))	Does the process require prompt response to the report of a gas odor inside or near a building?
2.	Kennewi ck	Sat		PRR.REPORT	1.	RPT.RR.IMMEDREPORT.R	191.5(a) (191.7(a), 191.7(d))	Do records indicate immediate notifications of incidents were made in accordance with 191.5?
3.	Kennewi ck	Sat		PRR.REPORT	2.	RPT.RR.INCIDENTREPORT.R	191.9(a)	Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.1 within the required time frame?
4.	Kennewi ck	NA		PRR.REPORT	3.	RPT.RR.INCIDENTREPORTSUPP.R	191.9(b)	Do records indicate accurate supplemental incident reports were filed and within the required timeframe?
5.	Kennewi ck	Sat		PRR.REPORT	4.	RPT.RR.ANNUALREPORT.R	191.11(a)	Have complete and accurate Annual Reports been submitted?
6.	Kennewi ck	Sat		PRR.REPORT	5.	RPT.RR.UTCANNUALREPORTS.R		Have complete and accurate annual reports been submitted to the commission?
7.	Kennewi ck	NA		PRR.REPORT	6.	RPT.RR.MISDATAREPORTS.R		Has the operator submitted a copy of DOT Drug and Alcohol Testing MIS Data Collection Form to the commission when required?
8.	Kennewi ck	NA		PRR.REPORT	7.	RPT.RR.SRCR.R	191.23(a) (191.23(b), 191.25(a), 191.25(c))	Do records indicate safety-related condition reports were filed as required?
9.	Kennewi ck	NA		PRR.REPORT	8.	RPT.RR.MAOPINCREASENOTIFY.R		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?
10.	Kennewi ck	Sat		PRR.REPORT	9.	RPT.RR.THIRTYDAYRPT.R		Has the operator submitted a written report within 30 days following each reportable incident?

Ro		Resu	(Note		Qs t			
w	Assets	lt	1)	Sub-Group	#	Question ID	References	<b>Question Text</b>
11.	Kennewi ck	Sat		PRR.REPORT	10	MO.GO.CUSTNOTIFY.R	192.16(d) (192.16(a), 192.16(b), 192.16(c))	Do records indicate the customer notification process satisfies the requirements of 192.16?
12.	Kennewi ck	Sat		PRR.REPORT	11	RPT.RR.DAILYCONSTRUCTIONRPT.R		Do records indicate daily construction and repair activities were emailed to the commission no later than 10 AM each day work is scheduled?
13.	Kennewi ck	Sat		PRR.REPORT	12	RPT.RR.PIPELINEMAPPING.R		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?
14.	Kennewi ck	Sat		PRR.CORROSION	1.	TQ.QU.CORROSION.R	192.453 (192.807(a), 192.807(b))	Do records indicate qualification of personnel implementing pipeline corrosion control methods?
15.	Kennewi ck	NA		PRR.CORROSION	2.	TD.CP.RECORDS.R	192.491(a) (192.491(b), 192.491(c))	Do records indicate the location of all corrosion control items listed in §192.491(a)?
16.	Kennewi ck	Sat		PRR.CORROSION	5.	TD.CPEXPOSED.EXPOSEINSPECT.R	192.491(c) (192.459)	Do records adequately document that exposed buried piping was examined for corrosion?
17.	Kennewi ck	Sat		PRR.CORROSION	8.	TD.CPMONITOR.TEST.R	192.491(c) (192.465(a))	Do records adequately document cathodic protection monitoring tests have occurred as required?
18.	Kennewi ck	Sat		PRR.CORROSION	9.	TD.CPMONITOR.CURRENTTEST.R	192.491(c) (192.465(b))	Do records document details of electrical checks of sources of rectifiers or other impressed current sources?
19.	Kennewi ck	Sat		PRR.CORROSION	10	TD.CPMONITOR.REVCURRENTTEST.R	192.491(c) (192.465(c))	Do records document details of electrical checks interference bonds, diodes, and reverse current switches?
20.	Kennewi ck	Sat		PRR.CORROSION	11	TD.CPMONITOR.DEFICIENCY.R	192.491(c) (192.465(d))	Do records adequately document actions taken to correct any identified deficiencies in corrosion control?
21.	Kennewi ck	NA		PRR.CORROSION	12	TD.CP.UNPROTECT.R	192.491(c) (192.465(e))	Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?

_		_	•		Qs	port (ALL Results) - Scp_		
Ro w	Assets	Resu It	(Note	Sub-Group	t #	Question ID	References	Question Text
22.	Kennewi ck	NA		PRR.CORROSION	13	FS.FG.CASINGTESTLEAD.R		Do records indicate that all casings without vents installed after September 5, 1992 had separate test lead wires installed?
23.	Kennewi ck	Sat		PRR.CORROSION	14	FS.FG.CASINGSEALS.R		Do records indicate that mains and service lines installed in casing or conduit are sealed at the ends as required?
24.	Kennewi ck	Sat		PRR.CORROSION	15	TD.CP.ELECISOLATE.R	192.491(c) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))	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?
25.	Kennewi ck	Sat		PRR.CORROSION	17	TD.CP.CASINGINSPECT.R		Do records indicate that annual casing inspections have been performed to ensure electrical isolation from the pipeline?
26.	Kennewi ck	Sat		PRR.CORROSION	18	TD.CPMONITOR.TESTSTATION.R	192.469	Do records identify the location of test stations and show a sufficient number of test stations?
27.	Kennewi ck	Sat		PRR.CORROSION	19	TD.CPMONITOR.TESTLEAD.R	192.491(c) (192.471(a), 192.471(b), 192.471(c))	Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?
28.	Kennewi ck	Sat		PRR.CORROSION	20	TD.CPMONITOR.INTFRCURRENT.R	192.491(c) (192.473(a))	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?
29.	Kennewi ck	NA		PRR.CORROSION	21	TD.ICP.CORRGAS.R	192.491(c) (192.475(a))	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?

Qs

Ro			(Note		ųs t		5.6	
W	Assets	lt	<sup>1</sup> )	Sub-Group	#	Question ID	References	Question Text
30.	Kennewi ck	Sat		PRR.CORROSION	. 22	TD.ICP.EXAMINE.R	192.491(c) (192.475(a), 192.475(b))	Do records document examination of removed pipe for evidence of internal corrosion?
	Kennewi ck			PRR.CORROSION	24	TD.ICP.CORRGASACTION.R	192.491(c) (192.477)	Do records document the actions taken when corrosive gas is being transported by pipeline?
32.	Kennewi ck	Sat		PRR.CORROSION	26	TD.ATM.ATMCORRODEINSP.R	192.491(c) (192.481(a), 192.481(b), 192.481(c), 192.481(d))	Do records document inspection of aboveground pipe for atmospheric corrosion?
33.	Kennewi ck	Sat		PRR.CORROSION	27	TD.COAT.NEWPIPE.R	192.491(c) (192.455(a), 192.461(a), 192.461(b), 192.483(a))	Do records document that each buried or submerged pipeline installed after July 31, 1971 has been externally coated with a suitable coating material?
34.	Kennewi ck	NA		PRR.CORROSION	31	TD.ICP.EVALUATE.R	192.491(c) (192.487)	Do records document adequate evaluation of internally corroded pipe?
35.	Kennewi ck	NA		PRR.CORROSION	33	AR.RCOM.REPAIR.R	192.491(c) (192.487, 192.489)	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?
36.	Kennewi ck	Sat		PRR.PT	1.	DC.PTLOWPRESS.PRESSTESTLOWSTR ESS.R	192.517(a) (192.507(a), 192.507(b), 192.507(c))	Do records indicate that pressure testing is conducted in accordance with 192.507?
37.	Kennewi ck	Sat		PRR.PT	2.	DC.PTLOWPRESS.PRESSTEST100PSIG.	192.517(b) (192.509(a), 192.509(b))	Do records indicate that pressure testing is conducted in accordance with 192.509(a) (except for service lines and plastic pipelines)?
38.	Kennewi ck	Sat		PRR.PT	3.	DC.PT.SERVICELINE.R	192.517(b) (192.511(a), 192.511(b), 192.511(c))	Do records indicate that pressure testing is conducted in accordance with 192.511?
39.	Kennewi ck	Sat		PRR.PT	4.	DC.PT.PRESSTESTPLASTIC.R	192.517(b) (192.513(a), 192.513(b), 192.513(c), 192.513(d))	Do records indicate that pressure testing is conducted in accordance with 192.513?
40.	Kennewi ck	NA		PRR.UPRATE	1.	MO.GOUPRATE.MAOPINCREASE.R	192.553(a) (192.553(b), 192.553(c))	Do records indicate that increases in MAOP of pipeline were determined in accordance with 192.553?

Ro		Resu	(Note		Qs t	port (ALL Results) - Scp_r		
w	Assets	lt	1)	Sub-Group	#	Question ID	References	<b>Question Text</b>
41.	Kennewi ck	NA		PRR.UPRATE	2.	MO.GOUPRATE.MAOPINCREASELIMIT. R	192.553(b) (192.553(c), 192.553(d), 192.557(a))	Do records indicate that increases in MAOP are limited in accordance with 192.619 and 192.621?
42.	Kennewi ck	NA		PRR.UPRATE	3.	MO.GOUPRATE.MAOPINCREASEPREP.R	192.553(b) (192.553(c), 192.553(a), 192.557(b), 192.557(c))	Do records indicate that increases in MAOP were preceded by the actions specified in 192.557?
43.	Kennewi ck	Sat		PRR.OM	1.	MO.GO.OMANNUALREVIEW.R	192.605(a)	Have annual reviews of the written procedures or processes in the manual been conducted as required?
44.	Kennewi ck	Sat		PRR.OM	2.	MO.GO.OMHISTORY.R	192.605(a) (192.605(b)(3 ))	Are construction records, maps and operating history available to appropriate operating personnel?
45.	Kennewi ck	Sat		PRR.OM	3.	MO.GO.OMEFFECTREVIEW.R	192.605(a) (192.605(b)(8 ))	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?
46.	Kennewi ck	Sat		PRR.OM	6.	EP.ERG.POSTEVNTREVIEW.R	),	Do records indicate review of employee activities to determine whether the procedures were effectively followed in each emergency?
47.	Kennewi ck	Sat		PRR.OM	7.	EP.ERG.TRAINING.R		Has the operator trained the appropriate operating personnel on emergency procedures and verified that the training was effective in accordance with its procedures?
48.	Kennewi ck	Sat	2	PRR.OM	8.	EP.ERG.LIAISON.R	), 192.615(c)(2) , 192.615(c)(3)	Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?
49.	Kennewi ck	Sat	2	PRR.OM	10	PD.PA.LANGUAGE.R		Were materials and messages developed and delivered in other languages commonly understood by a significant number and

Ro		Resu	(Note		Qs t			
w	Assets	lt	<sup>1</sup> )	Sub-Group	#	Question ID	References	Question Text
								concentration of non- English speaking populations in the operator's areas?
50.	Kennewi ck	Sat	2	PRR.OM	11	PD.PA.EVALEFFECTIVENESS.R	192.616(c) (API RP 1162 Section 8.4)	Do records indicate program effectiveness evaluation(s) have been performed and cover all program requirements and all systems covered by the program?
51.	Kennewi ck	NA	2	PRR.OM	12	PD.PA.MSTRMETER.R	192.616(j) (192.616(h), API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)	Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?
52.	Kennewi ck	Sat		PRR.OM	13	EP.ERG.INCIDENTANALYSIS.R	192.605(a) (192.617)	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?
53.	Kennewi ck	Sat		PRR.OM	14	PD.DP.PDPROGRAM.R	192.614(c)	Does the damage prevention program meet minimum requirements specified in 192.614(c)?
54.	Kennewi ck	Sat		PRR.OM	15	MO.GOMAOP.MAOPDETERMINE.R	192.619(a) (192.619(b), 192.621(a), 192.621(b), 192.623(a), 192.623(b))	Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?
55.	Kennewi ck	Sat		PRR.OM	16	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))	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?
56.	Kennewi ck	Sat		PRR.OM	19	MO.RW.DISTPATROL.R	192.603(b) (192.721(a), 192.721(b))	Do records indicate distribution patrolling was conducted as required?
57.	Kennewi ck	Sat		PRR.OM	20	MO.RW.LEAKFOLLOW.R		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?

Ro	_		(Note		Qs t			
<b>w</b> 58.	<b>Assets</b> Kennewi ck	NA	1)	Sub-Group RR.OM	21	Question ID MO.RW.DOWNGRADELEAKREPAIR.R	References	Question Text  Do records indicate that leaks that have been downgraded are repaired within twentyone months?
59.	Kennewi ck	Sat	PR	R.OM	22	MO.RW.LEAKREPAIRTIME.R		Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601?
60.	Kennewi ck	Sat	PR	RR.OM	23	MO.RW.LEAKRECORDS.R		Have gas leak records been prepared and maintained as required?
61.	Kennewi ck	Sat	PR	R.OM	24	MO.RW.DISTPATROLLEAKAGE.R	192.603(b) (192.723(a), 192.723(b))	Do records indicate distribution leakage surveys were conducted as required?
62.	Kennewi ck	Sat	PR	RR.OM	25	MO.RW.CASINGLEAKSURVEY.R		Do records indicate shorted casings were leak surveyed as required?
63.	Kennewi ck	Sat	PR	R.OM	26	MO.RW.MARKERSURVEY.R		Do records indicate that pipeline marker surveys were completed in the timeframe specified by WAC 480-93-124?
64.	Kennewi ck	Sat	PR	R.OM	27	MO.RW.MARKERREPLACE.R		Do records indicate that damaged or missing markers were replaced within forty-five days of discovery?
65.	Kennewi ck	Sat	PR	R.OM	28	AR.RMP.TESTREINSTATE.R	192.603(b) (192.725(a), 192.725(b))	From the review of records, did the operator properly test disconnected service lines?
66.	Kennewi ck	Sat	PR	RR.OM	29	MO.GM.ABANDONPIPE.R	192.709(c) (192.727(a), 192.727(b), 192.727(c), 192.727(d), 192.727(e), 192.727(f), 192.727(g))	Do records indicate pipelines and facilities were abandoned or deactivated in accordance with requirements?
67.	Kennewi ck	Sat	PR	RR.OM	30	MO.GMOPP.PRESSREGTEST.R	192.709(c) (192.739(a), 192.739(b))	Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations?
68.	Kennewi ck	Sat	PR	RR.OM	31	MO.GMOPP.PRESSREGCAP.R	192.709(c) (192.743(a), 192.743(b), 192.743(c))	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?
69.	Kennewi ck	Sat	PR	RR.OM	32	DC.METERREGSVC.REGTEST.R		Do records indicate that service regulators have been installed, operated, maintained,

Ro		Resu	(Note		Qs t			
w	Assets	lt	`¹)	Sub-Group	#	Question ID	References	<b>Question Text</b>
								tested during initial turn-on and tested when customers experience pressure problems?
70.	Kennewi ck	Sat		PRR.OM	33	MO.GM.DISTVALVEINSPECT.R	192.603(b) (192.747(a), 192.747(b))	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?
71.	Kennewi ck	NA		PRR.OM	34	FS.FG.VAULTINSPECT.R	192.709(c) (192.749(a), 192.749(b), 192.749(c), 192.749(d))	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?
72.	Kennewi ck	Sat		PRR.OM	35	MO.GM.IGNITION.R	192.709 (192.751(a), 192.751(b), 192.751(c))	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?
73.	Kennewi ck	Sat		PRR.OM	37	DC.DPC.FLANGE.R	192.147(a) (192.147(b), 192.147(c))	Do records indicate flanges and flange accessories meet the requirements of 192.147?
74.	Kennewi ck	Sat		PRR.OM	38	DC.WELDPROCEDURE.WELD.R	192.225(a) (192.225(b))	Do records indicate weld procedures are being qualified in accordance with 192.225?
75.	Kennewi ck	Sat		PRR.OM	39	DC.WELDPROCEDURE.ESSENTIAL.R		Do records indicate that essential variables were measured and documented when welders and procedures were qualified?
76.	Kennewi ck	Sat		PRR.OM	40	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))	Do records indicate adequate qualification of welders?

_		_		Qs	:port (ALL Results) - Scp_		
Ro w	Assets	Resu It	(Note  1) Sub-6	t Group #	Question ID	References	Question Text
77.	Kennewi ck	Sat	PRR.OM		TQ.QUOMCONST.NDT.R	192.243(b)(2) (192.807(a), 192.807(b), 192.328(a), 192.328(b))	
78.	Kennewi ck	Sat	PRR.OM	42	DC.CO.PLASTICJOINTPROCEDURE.R	192.273(b) (192.283(a), 192.283(b), 192.283(c))	Have plastic pipe joining procedures been qualified in accordance with 192.283?
79.	Kennewi ck	Sat	PRR.OM	43	DC.CO.PLASTICJOINTQUAL.R	192.285(d) (192.285(a), 192.285(b), 192.285(c), 192.807(a), 192.807(b))	Do records indicate persons making joints in plastic pipelines are qualified in accordance with 192.285?
80.	Kennewi ck	Sat	PRR.OM	44	DC.CO.PLASTICJOINTINSP.R	192.287 (192.807(a), 192.807(b))	Do records indicate persons inspecting the making of plastic pipe joints have been qualified?
81.	Kennewi ck	Sat	PRR.OM	45	DC.CO.PLASTICPIPESEP.R		Do records indicate minimum separation requirements are met for plastic pipelines?
82.	Kennewi ck	Sat	PRR.OM	46	MO.GM.EQUIPPLASTICJOINT.R	192.603(b) (192.756)	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?
83.	Kennewi ck	NA	PRR.OM	49	MO.GM.MOVEANDLOWER.R		Do records indicate that a study was prepared before moving or lowering a steel gas pipeline as required?
84.	Kennewi ck	NA	PRR.OM	50	MO.GM.MOVEANDLOWERSURVEY.R		Do records indicate that a leak survey was conducted not more than thirty days after moving and/or lowering a metallic pipeline?
85.	Kennewi ck	Sat	PRR.OM	51	MO.RW.MARKERSMAPSDRAW.R		Are records sufficient to indicate class location and other areas where pipeline markers are required?
	Kennewi ck		FR.FIELDP		DC.MA.MARKING.O	192.63(a) (192.63(b), 192.63(c), 192.63(d))	Are pipe, valves, and fittings properly marked for identification in accordance with the requirements of 192.63?
87.	Kennewi ck	Sat	FR.FIELDP	IPE 2.	DC.DPC.FLANGE.O	192.141 (192.147(a),	Do flanges and flange accessories meet the

Ro			(Note		Qs t			
w	Assets	lt	<sup>1</sup> )	Sub-Group	#	Question ID	References	Question Text
							192.147(b), 192.147(c))	requirements of 192.147?
88.	Kennewi ck	NA		FR.FIELDPIPE	3.	DC.DPC.GDVALVEPLACEMENT.O	192.141 (192.181(a), 192.181(b), 192.181(c))	Are distribution line valves being installed as required of 192.1813
89.	Kennewi ck	Sat		FR.FIELDPIPE	4.	DC.CO.PLASTICPIPEPROC.O		Is plastic pipe handled, stored and installed in accordance with manufacturer's recommendations, including maximum ultraviolet exposure?
90.	Kennewi ck	Sat		FR.FIELDPIPE	5.	DC.CO.PLASTICPIPESEP.O		Are plastic pipelines installed with the minimum separation from other utilities as required?
91.	Kennewi ck	Sat		FR.FIELDPIPE	6.	DC.CO.PLASTICBACKFILL.O		Is plastic pipe buried in essentially rock-free material or material recommended by the pipe manufacturer?
92.	Kennewi ck	NA		FR.FIELDPIPE	7.	DC.CO.PLASTICSQUEEZING.O		Verify that the operator has limits in place for squeezing plastic pipe.
93.	Kennewi ck	Sat		FR.FIELDPIPE	8.	DC.METERREGSVC.CUSTMETERREGLO C.O	192.351 (192.353(a), 192.353(b), 192.353(c), 192.353(d))	Are meters and service regulators being located consistent with the requirements of 192.353?
94.	Kennewi ck	Sat		FR.FIELDPIPE	9.	DC.METERREGSVC.CUSTMETERREGPR OT.O	192.351 (192.355(a), 192.355(b), 192.355(c))	Are meters and service regulators being protected from damage consistent with the requirements of 192.355?
95.	Kennewi ck	Sat		FR.FIELDPIPE	10	DC.METERREGSVC.CUSTMETERREGIN STALL.O	192.351 (192.357(a), 192.357(b), 192.357(c), 192.357(d))	Based on the meters and service regulators observed being installed, are the installations consistent with the requirements of §192.357?
96.	Kennewi ck	Sat		FR.FIELDPIPE		DC.METERREGSVC.CUSTMETEROPPRE SS.O	192.351 (192.359(a), 192.359(b), 192.359(c))	Are customer meter operating pressures consistent with the requirements of 192.359?
97.	Kennewi ck	Sat		FR.FIELDPIPE	12	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))	Are customer service lines being installed consistent with the requirements of 192.361?
98.	Kennewi ck	Sat		FR.FIELDPIPE		DC.METERREGSVC.SVCLINEVLVLOCAT EREQT.O	192.351 (192.363(a), 192.363(b), 192.363(c), 192.365(a),	Are customer service line valves being installed meeting the valve and locations

Ro		Resu	(Note		Qs t				
w	Assets	lt	<sup>1</sup> )	Sub-Group	#	Question ID	References	Question Text	
							192.365(b), 192.365(c))	requirements of 192.363 and 192.365?	
99.	Kennewi ck	Sat		FR.FIELDPIPE	14	DC.METERREGSVC.SVCLINECONNECT.	192.351 (192.367(a), 192.367(b), 192.369(a), 192.369(b))	Are customer service lines being installed with connections meeting the requirements of 192.367 and 192.369?	
100	Kennewi ck	Sat		FR.FIELDPIPE	15	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)	Are customer service lines being installed constructed appropriately for the types of materials used?	
	Kennewi ck	Sat		FR.FIELDPIPE		DC.METERREGSVC.NEWSVCLINENOTU SED.O	192.351 (192.379, 192.379(a), 192.379(b), 192.379(c))	Are new customer service lines not in use configured in accordance with the requirements of 192.379?	
102	Kennewi ck	Sat		FR.FIELDPIPE		DC.METERREGSVC.EXCSFLOWVLVLOC ATE.O	192.351 (192.381(c), 192.381(d), 192.381(e))	Are service line excess flow valves located and identified in accordance with the requirements of 192.381?	
	Kennewi ck	Sat		FR.FIELDPIPE	18	DC.METERREGSVC.REGTEST.O		Are service regulators operated, maintained, installed and tested during the initial turnon in accordance with manufacturer's recommendations and WAC requirements?	
104	Kennewi ck	Sat		FR.FIELDPIPE	19	DC.WELDPROCEDURE.ONSITE.O		Are qualified written welding procedures located onsite where welding is being performed?	
105	Kennewi ck	Sat		FR.FIELDPIPE	20	DC.WELDPROCEDURE.ESSENTIAL.O		Does the operator document essential variables when qualifying welders and weld procedures?	
	Kennewi ck	Sat		FR.FIELDPIPE	22	TD.COAT.NEWPIPEINSTALL.O	192.461(d)	Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?	
107	Kennewi ck	Sat		FR.FIELDPIPE	23	TD.CPMONITOR.MONITORCRITERIA.O	192.465(a) (192.463(b), 192.463(c), 192.463(a))	Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?	
108	Kennewi ck	Sat		FR.FIELDPIPE	24	TD.CPMONITOR.CURRENTTEST.O	192.465(b)	Do field observations confirm impressed current sources are properly maintained and are functioning properly?	

Ro		Resu	(Note		Qs t			
w	Assets	lt	1)	Sub-Group	#	Question ID	References	<b>Question Text</b>
109	Kennewi ck	Sat		FR.FIELDPIPE	26	TD.CP.ELECISOLATE.O	192.467(a) (192.467(b), 192.467(c), 192.467(d), 192.467(e))	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?
	Kennewi ck	Sat		FR.FIELDPIPE	28	TD.CP.CASINGINSPECT.O		Are casings electrically isolated from the pipeline?
	Kennewi ck	Sat		FR.FIELDPIPE	29	TD.CPMONITOR.TESTSTATION.O	192.469	Do cathodically protected pipelines have a sufficient number of test stations?
112	Kennewi ck	Sat		FR.FIELDPIPE	30	TD.CPMONITOR.TESTLEAD.O	192.471(a)	Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?
	Kennewi ck	NA		FR.FIELDPIPE	31	TD.CPMONITOR.INTFRCURRENT.O	192.473(a)	Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?
114	Kennewi ck	NA		FR.FIELDPIPE	32	TD.ICP.CORRGASPRVNT.O	192.475(a)	If the transportation of corrosive gas is not allowed, is the transportation of corrosive gas prevented?
	Kennewi ck	NA		FR.FIELDPIPE	34	TD.ICP.CORRGASACTION.O	192.477	Are adequate actions taken when corrosive gas is being transported by pipeline?
	Kennewi ck	Sat		FR.FIELDPIPE	35	TD.ATM.ATMCORRODEINSP.O	192.481(b) (192.481(c), 192.479(a), 192.479(b), 192.479(c), 192.481(d))	Do field observations indicate that pipe exposed to atmospheric corrosion is properly coated?
117	Kennewi ck	NA		FR.FIELDPIPE	41	PD.DP.ONECALL.O	192.614(c)(3)	Observe operator process a "One Call" ticket.
	Kennewi ck	Sat		FR.FIELDPIPE	42	MO.GOODOR.ODORIZE.O	192.625(a) (192.625(c), 192.625(d), 192.625(e), 192.625(f))	Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?
119	Kennewi ck	NA		FR.FIELDPIPE	43	MO.GO.PURGE.O	192.629(a) (192.629(b))	Are lines being purged in accordance with 192.629?

Ro			(Note		Qs t	port (ALL Results) - Scp_r		
w	Assets	lt	1) St	ıb-Group	#	Question ID	References	Question Text
120	Kennewi ck	Sat	FR.FIE	LDPIPE	44	MO.RW.ROWMARKER.O	192.707(a) (192.707(b), 192.707(d), CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)	Are line markers placed and maintained as required?
	Kennewi ck	Sat	FR.FIE	ELDPIPE	45	MO.RW.ROWMARKERABOVE.O	192.707(c) (CGA Best Practices, v4.0, Practice 2-5, CGA Best Practices, v4.0, Practice 4-20)	Are line markers placed and maintained as required for above ground pipelines?
122	Kennewi ck	Sat	FR.FIE	ELDPIPE	46	MO.GMOPP.PRESSREGTEST.O	192.739(a) (192.739(b))	Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?
123	Kennewi ck	NA	FR.FIE	LDPIPE	47	MO.GMOPP.PRESSREGMETER.O	192.741(a) (192.741(b), 192.741(c))	Are telemetering or recording gauges properly utilized as required for distribution systems?
124	Kennewi ck	Sat	FR.FIE	ELDPIPE	48	MO.GMOPP.MULTIPRESSREG.O		Are regulator stations installed in a manner to provide protection between regulator stages?
125	Kennewi ck	Sat	FR.FIE	LDPIPE	49	MO.GM.DISTVALVEINSPECT.O	192.747(a) (192.747(b))	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?
126	Kennewi ck	Sat	FR.FIE	LDPIPE	50	FS.FG.CASING.O		Are all casings bare steel and do they have test leads installed on new casings without vents?
	Kennewi ck	Sat	FR.FIE	LDPIPE	51	FS.FG.CASESEAL.O		Does the operator seal both ends of casings/conduits for mains and transmission lines and seal the end nearest the building for service lines?
128	Kennewi ck	NA	FR.FIE	LDPIPE	52	FS.FG.VAULTINSPECT.O	192.749(a) (192.749(b), 192.749(c), 192.749(d))	Are inspections of selected vaults with internal volume =200 cubic feet (5.66 cubic meters) housing pressure regulating/limiting equipment adequate?

Ro		Resu	(Note	Q		port (ALL Results) - Scp_F		
w	Assets	lt	¹) Sub-Gr	oup #	#	Question ID	References	Question Text
129	Kennewi ck	Sat	FR.FIELDPIF	PE 5		AR.RMP.IGNITION.O	192.751(a) (192.751(b), 192.751(c))	Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.
130	Kennewi ck	Sat	FR.FIELDPIF	PE 5		DC.CO.PLASTICWEAKLINK.O	192.329(b) (192.376(b), 192.303)	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?
	Kennewi ck	Sat	FR.FIELDPIF	PE 5		MO.GM.EQUIPPLASTICJOINT.O	192.756	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?
132	Kennewi ck	Sat	FR.FIELDPIF	PE 6		MO.GM.ONSITEPROCS.O		Are procedures applicable to the work being done located onsite where the work is being done?
	Kennewi ck	Sat	FR.FIELDPIF	PE 6		AR.PTI.PLASTICPRESSURETEST.O		Is plastic pipe installed and backfilled prior to pressure testing?
134	Kennewi ck	Sat	FR.FIELDPIF	PE 6	33	AR.PTI.EQUIPCALIB.O		Is pressure testing equipment calibrated according to calibration schedules and procedures?
135	Kennewi ck	Sat	MISCTOPICS	5.PROT9	1.	TQ.PROT9.CORRECTION.O	192.801(a) (192.809(a))	Have potential issues identified by the OQ plan inspection process been corrected at the operational level?
136	Kennewi ck	Sat	MISCTOPICS	S.PROT9 2	2.	TQ.PROT9.QUALIFICATIONSTATUS.O	192.801(a) (192.809(a))	Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.
137	Kennewi ck	Sat	MISCTOPICS	5.PROT9	3.	TQ.PROT9.TASKPERFORMANCE.O	192.801(a) (192.809(a))	Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures.

Qs

Ro		Resu	(Note		ŲS t			
W	Assets	lt	1)	Sub-Group	#	Question ID	References	Question Text
138	Kennewi ck	Sat		MISCTOPICS.PROT9	4.	TQ.PROT9.AOCRECOG.O	192.801(a) (192.809(a))	Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.
139	Kennewi ck	Sat		MISCTOPICS.PROT9	5.	TQ.PROT9.VERIFYQUAL.O	192.801(a) (192.809(a))	Observe in the field (job site, local office, etc.) that the foreman/supervisor/ma nager 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.
140	Kennewi ck	Sat		MISCTOPICS.OPTRQ UAL	9.	TQ.OQ.OQPLAN.O	192.805(h)	Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?
141	Kennewi ck	Sat		MISCTOPICS.OPTRQ UAL	12	TQ.OQ.RECORDS.R	192.807	Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?
	Kennewi ck	Sat		MISCTOPICS.OPTRQ UAL	15	TQ.OQ.TRAINING.R	192.807(a) (192.807(b))	Does the operator have records for initial qualification, retraining and reevaluation of individuals performing covered tasks?
	Kennewi ck	Sat		MISCTOPICS.OPTRQ UAL	20	TQ.OQ.ABNORMAL.O	192.803	Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions?
144	Kennewi ck	Sat	2	MISCTOPICS.PUBA WARE	11	EP.ERG.LIAISON.R	), 192.615(c)(2) , 192.615(c)(3)	Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?
145	Kennewi ck	Sat	2	MISCTOPICS.PUBA WARE	13	PD.PA.LANGUAGE.R	192.616(g) (API RP 1162 Section 2.3.1)	Were materials and messages developed and delivered in other languages commonly understood by a significant number and concentration of non-

Ro w	Assets	Resu It	(Note	Sub-Group	t #	Question ID	References	Question Text
								English speaking populations in the operator's areas?
	Kennewi ck	Sat	2	MISCTOPICS.PUBA WARE	18	PD.PA.EVALEFFECTIVENESS.R	192.616(c) (API RP 1162 Section 8.4)	Do records indicate program effectiveness evaluation(s) have been performed and cover all program requirements and all systems covered by the program?
	Kennewi ck	NA	2	MISCTOPICS.PUBA WARE	25	PD.PA.MSTRMETER.R	192.616(j) (192.616(h), API RP 1162 Section 2.7 (Step 12), API RP 1162 Section 8.5)	Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?

1. Result is repeated (N) times in this report due to re-presentation of the question in multiple sub-groups.

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.