

Inspection Output (IOR)

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Inspection Information

Inspection Name	Enumclaw Standard Inspection	Operator(s)	ENUMCLAW GAS DEPT, CITY OF (4500)	Plan Submitted	07/31/2017
Status	PLANNED	Lead	Scott Anderson	Plan Approval	07/31/2017 by Joe Submits
Start Year	2017	Team Members	Dennis Ritter	All Activity Start	08/29/2017
System Type	GD	Observer(s)	Michael Thompson	All Activity End	08/31/2017
Protocol Set ID	WA.GD.2017.01	Supervisor	Joe Submits	Inspection Submitted	--
		Director	Sean Mayo	Inspection Approval	--

Inspection Summary

This standard gas distribution inspection consisted of a records review of years 2014-2016 and field verification. City of Enumclaw is a municipal owned distribution operator with approximately 4300 customers. The operator was prepared for the inspection with the required leak surveys, pressure monitoring, OQ records, valve maintenance, marker surveys, odorant testing, public awareness, and other required tasks were performed as indicated in the O&M manual within the required time frames. All records that were reviewed were satisfactory and no issues were found. Observations in the field were also satisfactory, city employees followed procedures properly when performing OQ covered tasks with knowledge and confidence. They were aware of what abnormal operating conditions could arise and how to mitigate these potential safety hazards.

Scope (Assets)

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	Unit City of Enumclaw	City of Enumclaw	other	City of Enumclaw	Compressor Stations Bottle/Pipe - Holders Storage Fields Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum pipe	212	212	212	212	100.0%

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

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	Unit City of Enumclaw	n/a	PRR, FR, MISCTOPICS.PROT9, MISCTOPICS.PUBAWARE, MISCTOPICS.OPTRQUAL, GDIM	R, O	Detail	

Plan Implementations

#	Activity Name	SMART Act#	Start Date End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Inspected	Required %	
											Total	Complete
1.	records	--	08/29/2017 08/31/2017	n/a	all planned questions	all assets	R	158	158	158	100.0%	
2.	Field	--	08/29/2017 08/31/2017	n/a	all planned questions	all assets	O	54	54	54	100.0%	

- a. Since questions may be implemented in multiple activities, but answered only once, questions may be represented more than once in this table.
- b. Percent completion excludes unanswered questions planned as "always observe".

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	City of Enumclaw Standard Inspection	COMPLETED	09/06/2017	records	Unit City of Enumclaw

Results (all values, 212 results)

220 (instead of 212) results are listed due to re-presentation of questions in more than one sub-group.

PRR.REPORT: Reporting

1. Question Result, ID, References	NA, RPT.RR.IMMEDREPORT.R, 191.5(a) (191.7(a);191.7(d))
Question Text	Do records indicate immediate notifications of incidents were made in accordance with 191.5?
Assets Covered	Unit City of Enumclaw
Result Notes	No reportable incidents since last inspection
2. Question Result, ID, References	Sat, GDIM.RR.MECHANICALFITTINGDATAIMPL.R, 192.1009 (191.12) (also presented in: GDIM.IMPL)
Question Text	Have accurate records been maintained documenting mechanical fitting failures that resulted in hazardous leaks?
Assets Covered	Unit City of Enumclaw
Result Notes	Annual reports have been submitted yearly by March 15. Two material failures were reported, 1 in 2014 and 1 in 2015
3. Question Result, ID, References	NA, RPT.RR.INCIDENTREPORT.R, 191.9(a)
Question Text	Do records indicate reportable incidents were identified and reports were submitted to DOT on Form 7100.2 (01-2002) within the required timeframe?
Assets Covered	Unit City of Enumclaw
Result Notes	No reportable incidents since last inspection
4. Question Result, ID, References	NA, RPT.RR.INCIDENTREPORTSUPP.R, 191.9(b)
Question Text	Do records indicate accurate supplemental incident reports were filed and within the required timeframe?
Assets Covered	Unit City of Enumclaw
Result Notes	No reportable incidents since last inspection
5. Question Result, ID, References	Sat, RPT.RR.ANNUALREPORT.R, 191.11(a)

Question Text	<i>Have complete and accurate Annual Reports been submitted?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Annual reports have been submitted yearly since last inspection. Submitted 2/2014, 2/2015, 1/2016
6. Question Result, ID, References	NA, RPT.RR.SRCR.R, 191.23(a) (191.23(b);191.25(a);191.25(b))
Question Text	<i>Do records indicate safety-related condition reports were filed as required?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No SRCs have been reported since last inspection
7. Question Result, ID, References	Sat, MO.GO.CUSTNOTIFY.R, 192.16(d) (192.16(a);192.16(b);192.16(c))
Question Text	<i>Do records indicate the customer notification process satisfies the requirements of 192.16?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	O&M Damage prevention, sec 4.2. Also a customer notification is mailed to new customers. Viewed a record of new customers that got the mailer in 2017.
8. Question Result, ID, References	NA, RPT.RR.MAOPINCREASENOTIFY.R,
Question Text	<i>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?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No uprates since last inspection.
9. Question Result, ID, References	Sat, RPT.RR.DAILYCONSTRUCTIONRPT.R,
Question Text	<i>Do records indicate daily construction and repair activities were emailed to the commission no later than 10 AM each day work is scheduled?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Emails are sent at appropriate times daily since last inspection. O&M Procedure 1-G section 4.2

PRR.CORROSION: Corrosion Control

10. Question Result, ID, References	Sat, TQ.QU.CORROSION.R, 192.453 (192.807(a);192.807(b))
Question Text	<i>Do records indicate qualification of personnel implementing pipeline corrosion control methods?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	O&M procedure 2-O section 1.2(i) Reviewed CP technicians: Ed Hawthorne NACE CIP level 1 expiration 6/30/19, Corrosion Tech 11/30/19, CP tester 11/30/19 Chuck Speece NACE CP Technician expiration 5/31/19
11. Question Result, ID, References	Sat, TD.CP.ELECISOLATE.R, 192.491(c) (192.467(a);192.467(b);192.467(c);192.467(d);192.467(e))
Question Text	<i>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?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	O&M procedure 2-O section 5.1(f) Reviewed: casing documentation from 2015, 2016, 2017 no issues

12. Question Result, ID, References	Sat, TD.CP.RECORDS.R, 192.491(a)
Question Text	<i>Do records indicate the location of all items listed in 192.491(a)?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed maps and records showing locations of steel and galvanic. Enumclaw is currently changing over to a GIS from their existing PDF version of mapping. Will be completed by end of 2017. 4 rectifiers in system. User Allegro for reads.
13. Question Result, ID, References	Sat, TD.CPEXPOSED.EXPOSEINSPECT.R, 192.491(c) (192.459)
Question Text	<i>Do records adequately document that exposed buried piping was examined for corrosion?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed steel pipe condition reports from 2014, 2015, 2016
14. Question Result, ID, References	Sat, TD.CP.MONITOR.CURRENTTEST.R, 192.491(c) (192.465(b))
Question Text	<i>Do records document details of electrical checks of sources of rectifiers or other impressed current sources?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Rectifiers are checked 6 times per year, there are 4 of them. Reviewed documents from 2014, 2015, 2016. No issues
15. Question Result, ID, References	Sat, TD.CP.MONITOR.TEST.R, 192.491(c) (192.465(a))
Question Text	<i>Do records adequately document cathodic protection monitoring tests have occurred as required?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed records from 2014, 2015, 2016. No issues
16. Question Result, ID, References	NA, TD.CP.MONITOR.REVCURRENTTEST.R, 192.491(c) (192.465(c))
Question Text	<i>Do records document details of electrical checks interference bonds, diodes, and reverse current switches?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Enumclaw does not have any bonds, diodes, or reverse current switches.
17. Question Result, ID, References	Sat, TD.CP.MONITOR.DEFICIENCY.R, 192.491(c) (192.465(d))
Question Text	<i>Do records adequately document actions taken to correct any identified deficiencies in corrosion control?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed corrosion control remedial action report.5 in 2014, 4 in 2015, none in 2016
18. Question Result, ID, References	Sat, TD.CP.UNPROTECT.R, 192.491(c) (192.465(e))
Question Text	<i>Do records adequately document that exposed buried piping was examined for corrosion and deteriorated coating?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reveiwed Steel pipe condition reports 2015,2016,2017
19. Question Result, ID, References	Sat, TD.CP.MONITOR.TESTSTATION.R, 192.469
Question Text	<i>Do records identify the location of test stations and show a sufficient number of test stations?</i>

Assets Covered	Unit City of Enumclaw
Result Notes	There are no locations that have consistently low reads, they do CIS to justify this.
20. Question Result, ID, References	NA, TD.CPMONITOR.TESTLEAD.R, 192.491(c) (192.471(a);192.471(b);192.471(c))
Question Text	<i>Do records document that pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
21. Question Result, ID, References	Sat, TD.CPMONITOR.INTFRCURRENT.R, 192.491(c) (192.473(a))
Question Text	<i>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?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	CIS completed in 2012. Tacoma Water added a rectifier for their water transmission line which was interfering with Enumclaw meeting -850 criteria when Tac Water was on. After investigation, Tacoma Water now limits the current output and Enumclaw added an anode shunt for stray current.
22. Question Result, ID, References	Sat, FS.FG.CASINGTESTLEAD.R,
Question Text	<i>Do records indicate that all casings without vents installed after September 5, 1992 had separate test lead wires installed?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed casing reads for 2015,2016,2017. No shorted casings (Enumclaw fixes shorted casings). Use current mapper for casings without test leads installed prior to 1992.
23. Question Result, ID, References	NA, FS.FG.CASINGSEALS.R,
Question Text	<i>Do records indicate that mains and service lines installed in casing or conduit are sealed at the ends as required?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such relevant facilities/equipment existed in the scope of inspection review.
24. Question Result, ID, References	NA, TD.ICP.CORRGAS.R, 192.491(c) (192.475(a))
Question Text	<i>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?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review. Enumclaw does not receive corrosive gas from Williams.
25. Question Result, ID, References	Sat, TD.ICP.EXAMINE.R, 192.491(c) (192.475(a);192.475(b))
Question Text	<i>Do records document examination of removed pipe for evidence of internal corrosion?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed steel pipe condition reports from 2014, 2015, 2016
26. Question Result, ID, References	NA, TD.ICP.CORRGASACTION.R, 192.491(c) (192.477)
Question Text	<i>Do records document the actions taken when corrosive gas is being transported by pipeline?</i>
Assets Covered	Unit City of Enumclaw

Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
27. Question Result, ID, References	Sat, TD.ATM.ATMCORRODEINSP.R, 192.491(c) (192.481(a);192.481(b);192.481(c))
Question Text	<i>Do records document inspection of aboveground pipe for atmospheric corrosion?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed records from 2014, 2015. All within the 3 year window. No issues
28. Question Result, ID, References	NA, TD.COAT.NEWPIPE.R, 192.491(c) (192.455(a);192.461(a);192.461(b);192.483(a))
Question Text	<i>Do records document that each buried or submerged pipeline installed after July 31, 1971 has been externally coated with a suitable coating material?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
29. Question Result, ID, References	NA, TD.ICP.REPAIR.R, 192.485(a) (192.485(b))
Question Text	<i>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?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
30. Question Result, ID, References	NA, TD.ICP.EVALUATE.R, 192.491(c) (192.485(c))
Question Text	<i>Do records document adequate evaluation of internally corroded pipe?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review. No internally corroded pipe has been discovered since the last inspection.

PRR.PT: Pressure Test

31. Question Result, ID, References	Sat, DC.PTLOWPRESS.PRESSTEST100PSIG.R, 192.517(b) (192.509(a);192.509(b))
Question Text	<i>Do records indicate that pressure testing is conducted in accordance with 192.509(a)?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed construction documents for work order 4203 project. No issues
32. Question Result, ID, References	Sat, DC.PTLOWPRESS.PRESSTESTLOWSTRESS.R, 192.517(a) (192.507(a);192.507(b);192.507(c))
Question Text	<i>Do records indicate that pressure testing is conducted in accordance with 192.507?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed construction documents for work order 4203 project. No issues
33. Question Result, ID, References	Sat, DC.PT.SERVICELINE.R, 192.517(b) (192.511(a);192.511(b);192.511(c))
Question Text	<i>Do records indicate that pressure testing is conducted in accordance with 192.511?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	2016 24615 SE Mud mt rd 3/4" PE-98 psi for 30 min. 20 is required

121 Semanski 1/2" PE-tested with 295' of 2" main 90 psi for 1 hr (main requirements)
 1722 SE 408th PL 1" PE-tested 98 psi for 20 min.

34. Question Result, ID, References	Sat, DC.PT.PRESSTESTPLASTIC.R, 192.517(b) (192.513(a);192.513(b);192.513(c);192.513(d))
Question Text	<i>Do records indicate that pressure testing is conducted in accordance with 192.513?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	2016 24615 SE Mud mt rd 3/4" PE-98 psi for 30 min. 20 is required 121 Semanski 1/2" PE-tested with 295' of 2" main 90 psi for 1 hr (main requirements) 1722 SE 408th PL 1" PE-tested 98 psi for 20 min.

PRR.UPRATE: Uprating

35. Question Result, ID, References	NA, MO.GOUPRATE.MAOPINCREASE.R, 192.553(a) (192.553(b);192.553(c))
Question Text	<i>Do records indicate that increases in MAOP of pipeline were determined in accordance with 192.553?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
36. Question Result, ID, References	NA, MO.GOUPRATE.MAOPINCREASELIMIT.R, 192.553(b) (192.553(c);192.553(d);192.557(a))
Question Text	<i>Do records indicate that increases in MAOP are limited in accordance with 192.519 and 192.621?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
37. Question Result, ID, References	NA, MO.GOUPRATE.MAOPINCREASEPREP.R, 192.553(b) (192.553(c);192.553(a);192.557(b);192.557(c))
Question Text	<i>Do records indicate that increases in MAOP were preceded by the actions specified in 192.557?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.

PRR.OM: Operations And Maintenance

38. Question Result, ID, References	Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1);192.615(c)(2);192.615(c)(3);192.615(c)(4);192.616(c);ADB-05-03) (also presented in: MISCTOPICS.PUBAWARE)
Question Text	<i>Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed records showing the appropriate officials were contacted from 2014, 2015, 2016. Also a record showing the list of public officials that are to be contacted
39. Question Result, ID, References	Sat, MO.GO.OMANNUALREVIEW.R, 192.605(a)
Question Text	<i>Has the operator conducted annual reviews of the written procedures or processes in the manual as required?</i>
Assets Covered	Unit City of Enumclaw

Result Notes	O&M procedure 1-F section 2. Also reviewed changes for 2015 and 2016 manual
40. Question Result, ID, References	Sat, MO.RW.MARKERREPLACE.R,
Question Text	<i>Do records indicate that damaged or missing markers were replaced within forty-five days of discovery?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	2014 8 signs replaced, 2015 added 5 none needed replacement, 2016 20 signs replaced all replaced within the proper timeframe
41. Question Result, ID, References	Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4) (also presented in: MISCTOPICS.PUBAWARE)
Question Text	<i>Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Enumclaw surveys the public to see the effectiveness of the plan. Reviewed program effectiveness letter from 7/12/17. No recommendations
42. Question Result, ID, References	Sat, PD.PA.LANGUAGE.R, 192.616(g) (API RP 1162 Section 2.3.1) (also presented in: MISCTOPICS.PUBAWARE)
Question Text	<i>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?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Census data is used to find this information. English is the primary language for this district.
43. Question Result, ID, References	NA, PD.PA.MSTRMETER.R, 192.616(j) (192.616(h));API RP 1162 Section 2.7 (Step 12);API RP 1162 Section 8.5) (also presented in: MISCTOPICS.PUBAWARE)
Question Text	<i>Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such relevant facilities/equipment existed in the scope of inspection review.
44. Question Result, ID, References	Sat, MO.GO.OMHISTORY.R, 192.605(a) (192.605(b)(3))
Question Text	<i>Are construction records, maps and operating history available to appropriate operating personnel?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	All gas employees have access to digital maps via tablet or laptop along with physical maps/construction records/history.
45. Question Result, ID, References	Sat, MO.GO.OMEFFECTREVIEW.R, 192.605(a) (192.605(b)(8))
Question Text	<i>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?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed records documenting that employees are being updated and taught new codes or procedures. Ed Hawthorne also goes out to make sure employees are following procedures. No issues. Also all work orders are reviewed by Ed.
46. Question Result, ID, References	Sat, MO.RW.DISTPATROL.R, 192.603(b) (192.721(a);192.721(b))
Question Text	<i>Do records indicate distribution patrolling was conducted as required?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	O&M manual procedure 2-D section 1.2 (a)(b). Also checked bridge patrol records for 2014, 2015, 2016. No issues

47. Question Result, ID, References	Sat, MO.RW.DISTPATROLLEAKAGE.R, 192.603(b) (192.723(a);192.723(b))
Question Text	<i>Do records indicate distribution leakage surveys were conducted as required?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed records/maps of leak surveys for HOSs, HOAs, and business districts for 2014, 2015, 2016. No issues
48. Question Result, ID, References	Sat, MO.RW.MARKERSMAPSDRAW.R,
Question Text	<i>Are records sufficient to indicate class location and other areas where pipeline markers are required?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed records stating the physical address of each marker location along with a map. No issues
49. Question Result, ID, References	Sat, MO.RW.MARKERSURVEY.R,
Question Text	<i>Do records indicate that pipeline marker surveys were completed and completed in the timeframe specified by WAC 480-93-124?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Procedure states they will be surveyed every 5 years but patrols are done every year. Reviewed records from 2014, 2015, 2016, no issues.
50. Question Result, ID, References	NA, MO.RW.TRANSLEAKAGE.R, 192.709(c) (192.706;192.706(a);192.706(b))
Question Text	<i>Do records indicate transmission leakage surveys conducted as required?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such relevant facilities/equipment existed in the scope of inspection review.
51. Question Result, ID, References	NA, MO.RW.TRANSPATROL.R, 192.709(c) (192.705(a);192.705(b);192.705(c))
Question Text	<i>Do records indicate that transmission line ROW surface conditions have been patrolled as required?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such relevant facilities/equipment existed in the scope of inspection review.
52. Question Result, ID, References	NA, MO.GOABNORMAL.ABNORMALREVIEW.R, 192.605(a) (192.605(c)(4))
Question Text	<i>Do records indicate periodic review of work done by operator personnel to determine the effectiveness of the abnormal operation processes and corrective action taken where deficiencies are found?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such relevant facilities/equipment existed in the scope of inspection review.
53. Question Result, ID, References	Sat, PD.OC.PDPROGRAM.R, 192.614(c)
Question Text	<i>Does the damage prevention program meet minimum requirements specified in 192.614(c)?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed dig tickets from 2014, 2016. Also reviewed DIRT reports for damages in 2016. No issues
54. Question Result, ID, References	Sat, MO.GOCLASS.CLASSLOCATESTUDY.R, 192.605(b)(1) (192.609(a);192.609(b);192.609(c);192.609(d);192.609(e);192.609(f))
Question Text	<i>Do records indicate performance of the required study whenever the population along a pipeline increased or there was an indication that the pipe hoop stress was not commensurate with the present class location?</i>
Assets Covered	Unit City of Enumclaw

Result Notes	A class location study was conducted in 2017 on their high pressure line. Enumclaw considers all of there system to be a class 3 although the study did show small sections of class 1 and 2.
55. Question Result, ID, References	Sat, EP.ERG.POSTEVTREVIEW.R, 192.605(a) (192.615(b)(1);192.615(b)(3))
Question Text	<i>Do records indicate review of employee activities to determine whether the procedures were effectively followed in each emergency?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed records for procedure changes also reviewed emergency response tickets. All employees have emergency response procedures with them at all times. No issues
56. Question Result, ID, References	Sat, EP.ERG.TRAINING.R, 192.605(a) (192.615(b)(2))
Question Text	<i>Has the operator trained the appropriate operating personnel on emergency procedures and verified that the training was effective in accordance with its procedures?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Enumclaw does a scenario based emergency with all gas employees. Reviewed list of individuals that were present along with the emergency response procedures
57. Question Result, ID, References	Sat, EP.ERG.INCIDENTANALYSIS.R, 192.605(a) (192.617)
Question Text	<i>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?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed leak repair report records and emergency response forms from 2014, 2015, 2016. All leaks are fixed once found. No issues
58. Question Result, ID, References	Sat, MO.GOMAOP.MAOPDETERMINE.R, 192.619(a) (1192.619(b);192.621(a);192.621(b);192.623(a);192.623(b))
Question Text	<i>Do records indicate determination of the MAOP of pipeline segments in accordance with 192.619 and limiting of the operating pressure as required?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	MAOP established for Enumclaw's HP system was set by waiver issued from the WUTC November 13, 1996 and effective January 27, 1997, order number UG-960732. The line was installed in 1957. Also reviewed records and pressure tests from a project that was conducted on the HP line in 2005. Also reviewed pressure test records for all newly installed pipe
59. Question Result, ID, References	Sat, MO.GOODOR.ODORIZE.R, 192.709(c) (192.625(a);192.625(b);192.625(c);192.625(d);192.625(e);192.625(f))
Question Text	<i>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?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed odorization records. All are done monthly and within the proper limits. No issues
60. Question Result, ID, References	NA, AR.RMP.TESTREINSTATE.R, 192.603(b) (192.725(a);192.725(b))
Question Text	<i>From the review of records, did the operator properly test disconnected service lines?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such relevant facilities/equipment existed in the scope of inspection review.
61. Question Result, ID, References	NA, MO.GM.MOVEANDLOWER.R,
Question Text	<i>Do records indicate that a study was prepared before moving or lowering a steel gas pipeline as required?</i>

Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
62. Question Result, ID, References	NA, MO.GM.MOVEANDLOWERSURVEY.R,
Question Text	<i>Do records indicate that a leak survey was conducted not more than thirty days after moving and/or lowering a metallic pipeline?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
63. Question Result, ID, References	Sat, 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))
Question Text	<i>Do records indicate pipelines and facilities were abandoned or deactivated in accordance with requirements?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed Enumclaw abandonment or deactivation of facilities forms for 2014, 2015, 2016. No issues
64. Question Result, ID, References	Sat, MO.GMOPP.PRESSREGTEST.R, 192.709(c) (192.739(a);192.739(b))
Question Text	<i>Do records indicate inspection and testing of pressure limiting, relief devices, and pressure regulating stations as required and at the specified intervals?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Kelly Oles OQ 3/2019, Nick Burden OQ 3/2020, Chuck Speece OQ 3/2020, Mark Van Wieringen OQ 3/2019, all are qualified to do inspections and testing. Kelly Oles does the majority of the inspections. Reviewed Enumclaw station inspection report form for 2014, 2015, 2016. No issues
65. Question Result, ID, References	Sat, MO.GMOPP.PRESSREGCAP.R, 192.709(c) (192.743(a);192.743(b);192.743(c))
Question Text	<i>Do records indicate testing or review of the capacity of each pressure relief device at each pressure limiting station and pressure regulating station as required and a new or additional device installed if determined to have insufficient capacity?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Enumclaw has 2 regulators with relief devices, 1 is done by Williams, the other is done by Enumclaw. Reviewed records from williams and Enumclaw verifying the relief capacity for 2014, 2015, 2016. No issues
66. Question Result, ID, References	Sat, MO.GM.DISTVALVEINSPECT.R, 192.603(b) (192.747(a);192.747(b))
Question Text	<i>Do records indicate proper inspection and partial operation of each distribution system valve that might be required in an emergency at intervals not exceeding 15 months, but at least once each calendar year, and prompt remedial action to correct any valve found inoperable?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed Enumclaw valve inspection report form for 2014, 2015, 2016. No issues.
67. Question Result, ID, References	NA, FS.FG.VAULTINSPECTFAC.R, 192.709(c) (192.749(a);192.749(b);192.749(c);192.749(d))
Question Text	<i>Do records document inspections at the required interval of all vaults having a volumetric internal content of 200 cubic feet (5.66 cubic meters) or more that house pressure regulating/limiting equipment?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such relevant facilities/equipment existed in the scope of inspection review.
68. Question Result, ID, References	Sat, MO.GM.IGNITION.R, 192.709 (192.751(a);192.751(b);192.751(c))

Question Text	<i>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?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	All Enumclaw employees are OQ qualified through MEA 192-0101 characteristics and hazards of natural gas, all are qualified for purging MEA 192-1418.01 purging. Also reviewed enumclaw abandonment or deactivation of facilities forms. No issues
69. Question Result, ID, References	Sat, DC.WELDPROCEDURE.WELD.R, 192.225(a) (192.225(b))
Question Text	<i>Do records indicate weld procedures are being qualified in accordance with 192.225?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed Weld procedure qualification tests Appendix 4-I-1 through 4-I-10, certified by Anthony Smith from AWS.
70. Question Result, ID, References	Sat, TQ.QUOMCONST.WELDER.R, 192.227(a) (192.227(b);192.229(a);192.229(b);192.229(c);192.229(d);192.328(a);192.328(b);192.807(a);192.807(b))
Question Text	<i>Do records indicate adequate qualification of welders?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed qualifications for welders Mark VanWiernegren 2014, 2015, 2016. Also Nick Burdin OQ for 2014, 2015, 2016.
71. Question Result, ID, References	NA, TQ.QUOMCONST.NDT.R, 192.243(b)(2) (192.807(a);192.807(b);192.328(a);192.328(b))
Question Text	<i>Do records indicate the qualification of nondestructive testing personnel?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
72. Question Result, ID, References	Sat, DC.CO.PLASTICJOINTPROCEDURE.R, 192.273(b) (192.283(a);192.283(b);192.283(c);192.283(d))
Question Text	<i>Have plastic pipe joining procedures been qualified in accordance with 192.283?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Enumclaw follows Performance Pipe manufacturer procedures which meet 192.273
73. Question Result, ID, References	Sat, DC.CO.PLASTICJOINTQUAL.R, 192.285(d) (192.285(a);192.285(b);192.285(c);192.807(a);192.807(b))
Question Text	<i>Do records indicate persons making joints in plastic pipelines are qualified in accordance with 192.285?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed Enumclaw plastic pipe procedures. They follow the manufacturers recommendations
74. Question Result, ID, References	Sat, DC.CO.PLASTICJOINTINSP.R, 192.287 (192.807(a);192.807(b))
Question Text	<i>Do records indicate persons inspecting the making of plastic pipe joints have been qualified?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	All Enumclaw employees are qualified to join plastic pipe they are requalified in December yearl. Checked Chuck Speece qualifications for 2014, 2015, 2016. No issues
75. Question Result, ID, References	Sat, DC.CO.PLASTICPIPESEP.R,
Question Text	<i>Do records indicate minimum separation requirements are met for plastic pipelines?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed records and pictures of separations from other utilities. Enumclaw uses a private Facebook page to post pictures of each job so Ed can review.

76. Question Result, ID, References	Sat, DC.METERREGSVC.REGTEST.R,
Question Text	<i>Do records indicate that service regulators have been installed, operated, maintained, tested during initial turn-on and tested when customers experience pressure problems?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed Enumclaw meter set report form for 2014, 2015, 2016. No issues
77. Question Result, ID, References	Sat, MO.RW.LEAKFOLLOW.R,
Question Text	<i>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?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Enumclaw does not carry any backlog of leaks. They repair leaks when found and checked the next day.
78. Question Result, ID, References	Sat, MO.RW.DOWNGRADELEAKREPAIR.R,
Question Text	<i>Do records indicate that leaks that have been downgraded are repaired within twenty-one months?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Enumclaw does not carry any backlog of leaks. They repair leaks when found
79. Question Result, ID, References	Sat, MO.RW.LEAKREPAIRTIME.R,
Question Text	<i>Do records indicate that leaks were repaired and re-evaluated in the timeframes specified in WAC 480-93-18601?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Enumclaw does not carry any backlog of leaks. They repair leaks when found
80. Question Result, ID, References	Sat, MO.RW.LEAKRECORDS.R,
Question Text	<i>Have gas leak records been prepared and maintained as required?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed leak records from 2014, 2015, 2016
81. Question Result, ID, References	NA, MO.GM.RECORDS.R, 192.605(b)(1) (192.243(f);192.709(a);192.709(b);192.709(c))
Question Text	<i>Do records indicate that records are maintained of each pipe/"other than pipe" repair, NDT required record, and (as required by subparts L or M) patrol, survey, inspection or test?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such relevant facilities/equipment existed in the scope of inspection review.

FR.FIELDPIPE: Pipeline Inspection (Field)

82. Question Result, ID, References	Sat, DC.MA.MARKING.O, 192.63(a) (192.63(b);192.63(c);192.63(d))
Question Text	<i>Are pipe, valves, and fittings properly marked for identification?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	All facilities are properly marked
83. Question Result, ID, References	Sat, DC.DPC.GDVALVEPLACEMENT.O, 192.141 (192.181(a);192.181(b);192.181(c))
Question Text	<i>Are distribution line valves being installed as required of 192.181?</i>

Assets Covered	Unit City of Enumclaw
Result Notes	Distribution valves are properly spaced
84. Question Result, ID, References	Sat, DC.METERREGSVC.CUSTOMETERREGLOC.O, 192.351 (192.353(a);192.353(b);192.353(c);192.353(d))
Question Text	Are meters and service regulators being located consistent with the requirements of 192.353?
Assets Covered	Unit City of Enumclaw
Result Notes	Customer regulator locations are in proper locations on residences and commercial buildings
85. Question Result, ID, References	Sat, DC.METERREGSVC.CUSTOMETERREGPROT.O, 192.351 (192.355(a);192.355(b);192.355(c))
Question Text	Are meters and service regulators being protected from damage consistent with the requirements of 192.355?
Assets Covered	Unit City of Enumclaw
Result Notes	Customer meters are properly protected where necessary.
86. Question Result, ID, References	Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b);192.707(d);CGA Best Practices, v4.0, Practice 2-5;CGA Best Practices, v4.0, Practice 4-20) (also presented in: ATT1FR.FIELDSCS)
Question Text	Are line markers placed and maintained as required?
Assets Covered	Unit City of Enumclaw
Result Notes	Observed markers were properly placed and maintained
87. Question Result, ID, References	Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5;CGA Best Practices, v4.0, Practice 4-20) (also presented in: ATT1FR.FIELDSCS)
Question Text	Are line markers placed and maintained as required for above ground pipelines?
Assets Covered	Unit City of Enumclaw
Result Notes	Observed markers were properly placed and maintained
88. Question Result, ID, References	Sat, DC.METERREGSVC.CUSTOMETERREGINSTALL.O, 192.351 (192.357(a);192.357(b);192.357(c);192.357(d))
Question Text	Are meters and service regulators being installed consistent with the requirements of 192.357?
Assets Covered	Unit City of Enumclaw
Result Notes	Customer meter and regulator installation was consistent where observed.
89. Question Result, ID, References	Sat, DC.METERREGSVC.CUSTOMETEROPPRESS.O, 192.351 (192.359(a);192.359(b);192.359(c))
Question Text	Are customer meter operating pressures consistent with the requirements of 192.359?
Assets Covered	Unit City of Enumclaw
Result Notes	Customer meter operating pressure was consistent where observed.
90. Question Result, ID, References	Sat, DC.METERREGSVC.SVCLINEINSTALL.O, 192.351 (192.361(a);192.361(b);192.361(c);192.361(d);192.361(e);192.361(f);192.361(g))
Question Text	Are customer service lines being installed consistent with the requirements of 192.361?
Assets Covered	Unit City of Enumclaw
Result Notes	Where and when observed, service line installation was consistent with the requirements
91. Question Result, ID, References	NA, DC.METERREGSVC.SVCLINEVLVLOCATEREQT.O, 192.351 (192.363(a);192.363(b);192.363(c);192.365(a);192.365(b);192.365(c))
Question Text	Are customer service line valves being installed meeting the valve and locations requirements of 192.363 and 192.365?
Assets Covered	Unit City of Enumclaw

Result Notes	No such activity/condition was observed during the inspection.
92. Question Result, ID, References	NA, DC.METERREGSVC.SVCLINECONNECT.O, 192.351 (192.367(a);192.367(b);192.369(a);192.369(b))
Question Text	Are customer service lines being installed with connections meeting the requirements of 192.367 and 192.369?
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
93. Question Result, ID, References	NA, DC.METERREGSVC.SVCLINEMATERIAL.O, 192.351 (192.371;192.373(a);192.373(b);192.373(c);192.375(a);192.375(b);192.377)
Question Text	Are customer service lines being installed constructed appropriately for the types of materials used?
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
94. Question Result, ID, References	NA, DC.METERREGSVC.NEWSVCLINENOTUSED.O, 192.351 (192.379;192.379(a);192.379(b);192.379(c))
Question Text	Are new customer service lines not in use configured in accordance with the requirements of 192.379?
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
95. Question Result, ID, References	NA, 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	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
96. Question Result, ID, References	NA, DC.METERREGSVC.REGTEST.O,
Question Text	Are service regulators operated, maintained, installed and tested during the initial turn-on in accordance with manufacturer's recommendations and WAC requirements?
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
97. Question Result, ID, References	NA, TD.COAT.NEWPIPEINSTALL.O, 192.461(d)
Question Text	Is external protective coating being protected from damage that could result from adverse ditch conditions or supporting blocks?
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
98. Question Result, ID, References	Sat, TD.CPMONITOR.MONITORCRITERIA.O, 192.465(a) (192.463(b);192.463(c))
Question Text	Are methods used for taking CP monitoring readings that allow for the application of appropriate CP monitoring criteria?
Assets Covered	Unit City of Enumclaw
Result Notes	Observed Enumclaw employee Chuck Speece OQ re-qualify 2/22/19 using the -0.850 off criteria. Voltmeter used was dated to be re-calibrated 2/22/19, Half-cell was dated to be re-calibrated 3/18
99. Question Result, ID, References	Sat, TD.CPMONITOR.CURRENTTEST.O, 192.465(b)
Question Text	Are impressed current sources properly maintained and are they functioning properly?

Assets Covered	Unit City of Enumclaw
Result Notes	Observed Enumclaw employee Chuck Speece OQ re-qualify 2/22/19. Followed Enumclaw procedures to check the outside of the box and all wires were connected properly.
100. Question Result, ID, References	NA, TD.CP.ELECISOLATE.O, 192.467(a) (192.467(b);192.467(c);192.467(d);192.467(e))
Question Text	<i>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?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
101. Question Result, ID, References	Sat, TD.CP.MONITOR.TESTSTATION.O, 192.469
Question Text	<i>Do cathodically protected pipelines have a sufficient number of test stations?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	All CP test stations were consistent with records and procedures
102. Question Result, ID, References	Sat, TD.CP.MONITOR.TESTLEAD.O, 192.471(a)
Question Text	<i>Do pipelines with cathodic protection have electrical test leads installed in accordance with requirements of Subpart I?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	All CP test leads were properly installed
103. Question Result, ID, References	Sat, FS.FG.CASING.O,
Question Text	<i>Are all casings bare steel and do they have test leads installed on new casings without vents?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	All casing test leads that were observed were adequate
104. Question Result, ID, References	NA, FS.FG.CASESEAL.O,
Question Text	<i>Does the operator seal both ends of casings/conduits for mains and transmission lines and seal the end nearest the building for service lines?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
105. Question Result, ID, References	NA, TD.CP.MONITOR.INTFRCURRENT.O, 192.473(a)
Question Text	<i>Are areas of potential stray current identified, and if found, the detrimental effects of stray currents minimized?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
106. Question Result, ID, References	NA, TD.CP.ADJACENTMETAL.O, 192.473(b)
Question Text	<i>Are impressed current type cathodic protection systems and galvanic anode systems installed so as to minimize any adverse effect on existing adjacent underground metallic structures?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.

107. Question Result, ID, References	NA, TD.ICP.CORRGASPRVNT.O, 192.475(a)
Question Text	<i>If the transportation of corrosive gas is not allowed, is the transportation of corrosive gas prevented?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Enumclaw does not have corrosive gas
108. Question Result, ID, References	NA, TD.ICP.CORRGASACTION.O, 192.477
Question Text	<i>Are adequate actions taken when corrosive gas is being transported by pipeline?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Enumclaw does not have corrosive gas
109. Question Result, ID, References	Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c);192.479(a);192.479(b);192.479(c)) (also presented in: ATT1FR.FIELDCS)
Question Text	<i>Is pipe that is exposed to atmospheric corrosion protected?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	All observed above ground pip was properly wrapped well below the soil to air interface.
110. Question Result, ID, References	NA, AR.RCOM.REMEDIATIONOM.O, 192.487(a) (192.487(b))
Question Text	<i>Is anomaly remediation and documentation of remediation adequate for all segments?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
111. Question Result, ID, References	Sat, MO.GOODOR.ODORIZE.O, 192.625(a) (192.625(c);192.625(d);192.625(e);192.625(f))
Question Text	<i>Is sampling of combustible gases adequate using an instrument capable of determining the percentage of gas in air at which it becomes readily detectable?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Performed by Mark VanWieringen OQ re-qualify date 3/3/19. A reading of 0.43%. Heath Consultants Odorator 2 serial #SN-2101724004. Calibration date 8/4/16. No issues
112. Question Result, ID, References	NA, MO.GO.PURGE.O, 192.629(a) (192.629(b))
Question Text	<i>Are lines being purged in accordance with 192.629?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
113. Question Result, ID, References	Sat, MO.GMOPP.PRESSREGTEST.O, 192.739(a) (192.739(b))
Question Text	<i>Are field or bench tests or inspections of regulating stations, pressure limiting stations or relief devices adequate?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	observed Nick Burdin OQ re-qualification 3/8/20, gauge re-calibration 12/17/17. Adequately operated the regulator station.
114. Question Result, ID, References	NA, MO.GMOPP.PRESSREGMETER.O, 192.741(a) (192.741(b);192.741(c))
Question Text	<i>Are telemetering or recording gauges properly utilized as required for distribution systems?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.

115. Question Result, ID, References	NA, MO.GMOPP.MULTIPRESSREG.O,
Question Text	<i>Are regulator stations installed in a manner to provide protection between regulator stages?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such relevant facilities/equipment existed in the scope of inspection review.
116. Question Result, ID, References	Sat, MO.GM.DISTVALVEINSPECT.O, 192.747(a) (192.747(b))
Question Text	<i>Is proper inspection and partial operation being performed for each distribution system valve that might be required in an emergency, and prompt remedial action to correct any valves found inoperable?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	The observed valves were in proper working order. Steel and plastic valves all turned with minimum resistance.
117. Question Result, ID, References	NA, MO.GM.VAULTINSPECT.O, 192.749(a) (192.749(b);192.749(c);192.749(d))
Question Text	<i>Are vault inspections adequate?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Enumclaw's vaults do not meet the 200 cu. ft. minimum. The vaults that were observed were properly maintained.
118. Question Result, ID, References	Sat, AR.RMP.IGNITION.O, 192.751(a) (192.751(b);192.751(c))
Question Text	<i>Perform observations of selected locations to verify that adequate steps have been taken by the operator to minimize the potential for accidental ignition.</i>
Assets Covered	Unit City of Enumclaw
Result Notes	All observed locations the operator took adequate steps to minimize accidental ignition
119. Question Result, ID, References	NA, AR.PTI.PLASTICPRESSURETEST.O,
Question Text	<i>Is plastic pipe installed and backfilled prior to pressure testing?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
120. Question Result, ID, References	Sat, AR.PTI.EQUIPCALIB.O,
Question Text	<i>Is pressure testing equipment calibrated according to calibration schedules and procedures?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Gauge used is due for re-calibration 12/17/17
121. Question Result, ID, References	Sat, DC.CO.PLASTICPIPEPROC.O,
Question Text	<i>Is plastic pipe handled, stored and installed in accordance with manufacturer's recommendations, including maximum ultraviolet exposure?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Observed Enumclaw's stock of plastic pipe, everything 2" and below is stored indoors with minimal U.V. exposure
122. Question Result, ID, References	NA, DC.CO.PLASTICWEAKLINK.O,
Question Text	<i>Is a weak link installed when pulling plastic pipe by mechanical means?</i>
Assets Covered	Unit City of Enumclaw

Result Notes	No such activity/condition was observed during the inspection.
123. Question Result, ID, References	NA, DC.CO.PLASTICPIPESEP.O,
Question Text	Are plastic pipelines installed with the minimum separation from other utilities as required?
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
124. Question Result, ID, References	NA, DC.CO.PLASTICBACKFILL.O,
Question Text	Is plastic pipe buried in essentially rock-free material or material recommended by the pipe manufacturer?
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
125. Question Result, ID, References	NA, DC.CO.PLASTICSQUEEZING.O,
Question Text	Is the number of times plastic pipe can be squeezed and how far from fittings plastic pipe can be squeezed limited?
Assets Covered	Unit City of Enumclaw
Result Notes	No such activity/condition was observed during the inspection.
126. Question Result, ID, References	Sat, MO.GM.ONSITEPROCS.O,
Question Text	Are procedures applicable to the work being done located onsite where the work is being done?
Assets Covered	Unit City of Enumclaw
Result Notes	Each employee followed procedures

ATT1FR.FIELDCS: Compressor Stations Inspection (Field)

127. Question Result, ID, References	Sat, MO.RW.ROWMARKER.O, 192.707(a) (192.707(b);192.707(d);CGA Best Practices, v4.0, Practice 2-5;CGA Best Practices, v4.0, Practice 4-20) (also presented in: FR.FIELDPIPE)
Question Text	Are line markers placed and maintained as required?
Assets Covered	Unit City of Enumclaw
Result Notes	Observed markers were properly placed and maintained
128. Question Result, ID, References	Sat, MO.RW.ROWMARKERABOVE.O, 192.707(c) (CGA Best Practices, v4.0, Practice 2-5;CGA Best Practices, v4.0, Practice 4-20) (also presented in: FR.FIELDPIPE)
Question Text	Are line markers placed and maintained as required for above ground pipelines?
Assets Covered	Unit City of Enumclaw
Result Notes	Observed markers were properly placed and maintained
129. Question Result, ID, References	Sat, TD.ATM.ATMCORRODEINSP.O, 192.481(b) (192.481(c);192.479(a);192.479(b);192.479(c)) (also presented in: FR.FIELDPIPE)
Question Text	Is pipe that is exposed to atmospheric corrosion protected?
Assets Covered	Unit City of Enumclaw
Result Notes	All observed above ground pip was properly wrapped well below the soil to air interface.

GDIM.KN: Knowledge of the System

130. Question Result, ID, References	NC, GDIM.RA.DEMOKKNOWLEDGE.R, 192.1007(a)
Question Text	<i>Do records demonstrate implementation of the element "Knowledge of the System"?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
131. Question Result, ID, References	NC, GDIM.RA.DEMOUNDERSTANDING.R, 192.1007(a)
Question Text	<i>Has the operator demonstrated an adequate understanding of the system?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
132. Question Result, ID, References	NC, GDIM.RA.INFONEEDS.R, 192.1007(a)(3)
Question Text	<i>Does the plan list the additional information needed to fill gaps due to missing, inaccurate, or incomplete records?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
133. Question Result, ID, References	NC, GDIM.RA.NEWPIPEDATA.R, 192.1007(a)(5)
Question Text	<i>Does the data required for capture and retention include, at a minimum, the location where the new pipeline is installed and the material from which it is constructed?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

GDIM.TH: Identify Threats

134. Question Result, ID, References	NC, GDIM.RA.IMPLEMENTTH.R, 192.1007(b)
Question Text	<i>Do records demonstrate implementation of the element "Identify Threats"?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
135. Question Result, ID, References	NC, GDIM.RA.INFOCONSIDERED.R, 192.1007(b)
Question Text	<i>In identifying threats did the information considered include all of the required data and information sources?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

GDIM.RR: Evaluate and Rank Risk

136. Question Result, ID, References	NC, GDIM.RA.IMPLEMENRR.R, 192.1007(c)
Question Text	<i>Do records demonstrate implementation of the element "Evaluate and Rank Risk"?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
137. Question Result, ID, References	NC, GDIM.RA.RESULTS.R, 192.1007(c)

Question Text	Are the results of the risk ranking supported by the risk evaluation model/method?
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

138. Question Result, ID, References	NC, GDIM.RA.RESULTSVALIDATION.R, 192.1007(c)
Question Text	Did the operator validate the results generated by the risk evaluation model/method?
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

139. Question Result, ID, References	NC, GDIM.RA.SUBDIVIDE.R, 192.1007(c)
Question Text	If subdivision of system occurs, does the plan subdivide the system into regions with similar characteristics and for which similar actions are likely to be effective in reducing risk?
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

GDIM.PM: Preventive and Mitigative Actions

140. Question Result, ID, References	NC, GDIM.PM.IDENTIFYMEASURES.R, 192.1007(d)
Question Text	When measures, beyond minimum code requirements specified outside of Part 192 Subpart P, are required to reduce risk, does the plan identify the measures selected, how they will be implemented, and the risks they are addressing?
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

141. Question Result, ID, References	NC, GDIM.PM.IMPLEMENTPM.R, 192.1007(d)
Question Text	Do records demonstrate implementation of the measures, required by Part 192 Subpart P, to reduce risk?
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

GDIM.EV: Measure Performance and Evaluate Effectiveness

142. Question Result, ID, References	NC, GDIM.QA.IMPLEMENTEV.R, 192.1007(e)
Question Text	Do records demonstrate implementation of the element "Measure Performance, Monitor Results, and Evaluate Effectiveness"?
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

143. Question Result, ID, References	NC, GDIM.QA.PERFMEASUREBASELINE.R, 192.1007(e)
Question Text	Does the plan establish a baseline for each performance measure?
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017GDIMP inspection was previously conducted on February 7, 2017

GDIM.PE: Periodic Evaluation

144. Question Result, ID, References	NC, GDIM.CA.PERIODICEVAL.R, 192.1007(f)
Question Text	<i>Do records demonstrate implementation of the element "Periodic Evaluation and Improvement"?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

GDIM.RP: Reporting

145. Question Result, ID, References	NC, GDIM.RR.SUBMITREPORTS.R, 192.1007(g)
Question Text	<i>Has the operator submitted the required reports?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

GDIM.RC: Records Required to be Kept

146. Question Result, ID, References	NC, GDIM.QA.RECORDREQUIREMENTS.R, 192.1011
Question Text	<i>Has the operator maintained the required records?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

GDIM.IMPL: GDIM Implementation

147. Question Result, ID, References	NC, GDIM.CA.PERIODICEVALDIMPIMPL.R, 192.1007(f)
Question Text	<i>Were procedures followed in conducting periodic evaluations and program improvements?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

148. Question Result, ID, References	NC, GDIM.CA.PERIODICEVALFREQIMPL.R, 192.1007(f)
Question Text	<i>Have periodic evaluations of the DIMP plan been performed on the frequency specified in the plan? [If a periodic evaluation has not been required since plan implementation or the last inspection, mark questions 27-32 as "N/A".]</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

149. Question Result, ID, References	NC, GDIM.CA.PERIODICEVALHIRISKIMPL.R, 192.1007(f) (192.1007(e))
Question Text	<i>If any established performance measures indicated an increase in risk beyond an acceptable level (as established in the DIMP plan), were new risk reduction measures implemented along with their associated performance measures?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

150. Question Result, ID, References	NC, GDIM.CA.PERIODICEVALPRFMESIMPL.R, 192.1007(f)
Question Text	<i>Did the periodic evaluation indicate that the selected performance measures are assessing the effectiveness of risk reduction measures, and, if not, were performance measures modified, deleted or added?</i>

Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
151. Question Result, ID, References	NC, GDIM.CA.PERIODICEVALREQTSIMPL.R, 192.1007(f)
Question Text	<i>Did the periodic evaluation include all required elements?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
152. Question Result, ID, References	NC, GDIM.CA.PERIODICEVALRISKREDIMPL.R, 192.1007(f)
Question Text	<i>If the periodic evaluation indicates that implemented measures to reduce risks are NOT effective, were risk reduction measures modified, deleted or added?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
153. Question Result, ID, References	NC, GDIM.PI.PERIODICINSPDEVACTIONIMPL.R, 192.1013(c)
Question Text	<i>If that an equal or greater overall level of safety has not been achieved, has corrective action been taken?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
154. Question Result, ID, References	NC, GDIM.PI.PERIODICINSPDEVAPPRVIMPL.R, 192.1013(c)
Question Text	<i>Has approval been received from PHMSA or the appropriate State Regulatory Authority for alternate (less strict than code) periodic inspection intervals? [If no, mark questions 40-44 "N/A".]</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
155. Question Result, ID, References	NC, GDIM.PI.PERIODICINSPDEVPERFRMIMPL.R, 192.1013(c)
Question Text	<i>Have the periodic inspections been conducted at the specified alternate intervals?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
156. Question Result, ID, References	NC, GDIM.PI.PERIODICINSPDEVPRFMESIMPL.R, 192.1013(c)
Question Text	<i>Do performance measure records indicate that an equal or greater overall level of safety has been achieved since the alternate inspection frequency was implemented?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
157. Question Result, ID, References	NC, GDIM.PI.PERIODICINSPDEVREQTIMPL.R, 192.1013(c)
Question Text	<i>Have all conditions been complied with that were required as part of the alternate inspection interval approval?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
158. Question Result, ID, References	NC, GDIM.PM.IMPLEMENTPMCOMPLETEIMPL.R, 192.1007(d)

Question Text	<i>Have any measures to reduce risks resulting in the elimination/mitigation of the associated identified threat been completed (e.g., pipe replacement program completed, etc.)?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
159. Question Result, ID, References	NC, GDIM.PM.IMPLEMENTPMIMPL.R, 192.1007(d)
Question Text	<i>Does documentation reviewed demonstrate that measures to reduce risks per the DIMP plan are being implemented?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
160. Question Result, ID, References	NC, GDIM.PM.IMPLEMENTPMREEVALIMPL.R, 192.1007(d)
Question Text	<i>If answering "Satisfactory/Yes" to previous question implementation question GDIM.PM.IMPLEMENTPMCOMPLETEIMPL.R, have risks (192.1007(c)) been re-evaluated and ranked because of the elimination/mitigation of an identified threat to ensure that risk reduction measures in place are appropriate?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
161. Question Result, ID, References	NC, GDIM.PM.IMPLEMENTPMSPECIFRISKIMPL.R, 192.1007(d)
Question Text	<i>Does each implemented risk reduction measure identified in the DIMP plan address a specific risk?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
162. Question Result, ID, References	NC, GDIM.PM.LEAKMANAGEMENTIMPL.R, 192.1007(d)
Question Text	<i>Can the operator provide documentation to demonstrate that an effective leak management program is being implemented (answer "N/A" if all leaks are repaired when found)?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
163. Question Result, ID, References	NC, GDIM.QA.IMPLEMENTEVBASELINEIMPL.R, 192.1007(e)
Question Text	<i>Is each performance measure being monitored from an established baseline?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
164. Question Result, ID, References	NC, GDIM.QA.IMPLEMENTEVDATADIMPIMPL.R, 192.1007(e)
Question Text	<i>Based on field observations and/or record reviews, is the data used to measure performance being accurately collected in accordance with the procedures in its DIMP plan?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
165. Question Result, ID, References	NC, GDIM.QA.IMPLEMENTEVDATAIMPL.R, 192.1007(e)
Question Text	<i>Is data being collected for the required performance measures in 192.1007(e)?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

166. Question Result, ID, References	NC, GDIM.QA.IMPLEMENTEVRISKIMPL.R, 192.1007(e)
Question Text	<i>Is each performance measure added since the DIMP plan was last updated tied to a specific risk reduction measure or group of measures?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
167. Question Result, ID, References	NC, GDIM.QA.ISSUESIMPL.R, 192.1005
Question Text	<i>Have all issues raised in previous DIMP inspections been satisfactorily addressed?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
168. Question Result, ID, References	NC, GDIM.QA.RECORDREQTSDIMPIMPL.R, 192.1011
Question Text	<i>Were DIMP procedures followed as applicable to records retention?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
169. Question Result, ID, References	NC, GDIM.QA.RECORDREQTSRETAINIMPL.R, 192.1011
Question Text	<i>Were copies of superseded DIMP plans retained for 10 years (or since 08/02/2011)?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
170. Question Result, ID, References	NC, GDIM.QA.RECORDREQUIREMENTSIMPL.R, 192.1011
Question Text	<i>Are records retained demonstrating compliance with Subpart P, as specified in its DIMP plan, for 10 years (or since 08/02/2011)?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
171. Question Result, ID, References	NC, GDIM.RA.DATAFORMIMPL.R, 192.1007(a)
Question Text	<i>Are data collection forms used in conjunction with the operator's DIMP plan being fully and accurately completed?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
172. Question Result, ID, References	NC, GDIM.RA.GAPSIMPL.R, 192.1007(a)(3)
Question Text	<i>Is missing or incomplete system information and data needed to fill knowledge gaps to assess existing and potential threats being collected?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
173. Question Result, ID, References	NC, GDIM.RA.IMPLEMENTTHUPDATEIMPL.R, 192.1007(c)
Question Text	<i>Since the last DIMP plan review by the regulatory agency, has the threat identification and risk assessment been updated based on newly acquired information or data relevant to system knowledge?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017

174. Question Result, ID, References	NC, GDIM.RA.IMPLEMENTTHUPDATEPLANIMPL.R, 192.1007(c)
Question Text	<i>If the threat identification and risk evaluation and ranking have been modified, were the revisions made in accordance with the procedure in the DIMP plan?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
175. Question Result, ID, References	NC, GDIM.RA.INFOCONSIDEREDIMPL.R, 192.1007(b)
Question Text	<i>Have any changes occurred that require re-evaluation of threats and risks?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
176. Question Result, ID, References	NC, GDIM.RA.NEWPIPEIMPL.R, 192.1007(a)(5)
Question Text	<i>Have required data on any new pipeline installations since August 2, 2011 been captured (e.g., location, wall thickness/SDR, manufacturer, lot/production number)?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
177. Question Result, ID, References	NC, GDIM.RA.OMINFONEEDSIMPL.R, 192.1007(a)(3)
Question Text	<i>Has any new or missing information identified or acquired during normal operations, maintenance, and inspection activities been incorporated into the DIMP plan?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
178. Question Result, ID, References	NC, GDIM.RA.OUTSIDESOURCESIMPL.R, 192.1007(b)
Question Text	<i>Has the operator identified information or data from external sources (e.g. trade associations, operator's consultants, government agencies, other operators, manufacturers, etc.) that may require re-evaluation of threats and risks?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
179. Question Result, ID, References	NC, GDIM.RA.SMEIMPL.R, 192.1007(a)
Question Text	<i>If new Subject Matter Experts (SMEs) input is incorporated into the DIMP plan, do SMEs have the necessary knowledge and/or experience (skills sets) regarding the areas of expertise for which the SME provided knowledge or supplemental information for input into the DIMP plan?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
180. Question Result, ID, References	NC, GDIM.RA.SUBDIVIDEADEQIMPL.R, 192.1007(c)
Question Text	<i>Does the current subdivision process (grouping of materials, geographic areas, etc.) adequately meet the need to properly evaluate and rank the existing and potential threats to the integrity of the system?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
181. Question Result, ID, References	NC, GDIM.RA.SUBDIVIDEDIMPIMPL.R, 192.1007(c)

Question Text	<i>If system subdivisions have been added or modified, was it done in accordance with the procedures described in the DIMP plan?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
182. Question Result, ID, References	NC, GDIM.RA.SUBDIVIDERESULTIMPL.R, 192.1007(c)
Question Text	<i>If system subdivisions have been added or modified, did the new system subdivision result in modifications to the risk evaluation and ranking?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
183. Question Result, ID, References	NC, GDIM.RA.SUBDIVIDEUPDATEIMPL.R, 192.1007(c)
Question Text	<i>Have the system subdivisions within the risk evaluation and ranking been added to or modified since the last plan review by the regulatory agency?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
184. Question Result, ID, References	NC, GDIM.RA.SYSINFONEEDSIMPL.R, 192.1007(a)(3)
Question Text	<i>Is missing or incomplete system information and data using the procedures prescribed in the DIMP plan being collected?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
185. Question Result, ID, References	NC, GDIM.RA.THREATCATEGORIESIMPL.R, 192.1007(b)
Question Text	<i>Has the operator acquired any new information relevant to system knowledge that may affect its threat identification?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
186. Question Result, ID, References	NA, GDIM.RR.MECHANICALFITTINGDIMPIMPL.O, 192.1009 (191.12)
Question Text	<i>Were procedure(s) followed for collecting the appropriate information and submitting PHMSA Form F-7100.1-2?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
187. Question Result, ID, References	NC, GDIM.RR.MECHANICALFITTINGRPTIMPL.R, 192.1009 (191.12)
Question Text	<i>Did the operator report all mechanical fitting failures that resulted in a hazardous leak for the previous calendar year to PHMSA and State authorities, as appropriate, by March 15th of the next calendar year, and did the reports contain the information required by Department of Transportation Form PHMSA F-7100.1-2?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
188. Question Result, ID, References	NC, GDIM.RR.SUBMITREPORTSIMPL.R, 192.1007(g)
Question Text	<i>Were Parts C and D of the PHMSA Distribution Annual Report (Form 7100.1-1) completed in the submission to PHMSA and the state regulatory authority having jurisdiction, if required, for each year since the last inspection?</i>

Assets Covered	Unit City of Enumclaw
Result Notes	GDIMP inspection was previously conducted on February 7, 2017
189. Question Result, ID, References	Sat, GDIM.RR.MECHANICALFITTINGDATAIMPL.R, 192.1009 (191.12) (also presented in: PRR.REPORT)
Question Text	<i>Have accurate records been maintained documenting mechanical fitting failures that resulted in hazardous leaks?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Annual reports have been submitted yearly by March 15. Two material failures were reported, 1 in 2014 and 1 in 2015
190. Question Result, ID, References	NA, GDIM.RA.DEMOUNDERSTANDINGIMPL.O, 192.1007(a)
Question Text	<i>Do operator personnel in the field understand their responsibilities under the DIMP plan?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.

MISCTOPICS.PROT9: OQ Field Inspection

191. Question Result, ID, References	NA, TQ.PROT9.CORRECTION.O, 192.801(a) (192.809(a))
Question Text	<i>Have potential issues identified by the OQ plan inspection process been corrected at the operational level?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
192. Question Result, ID, References	Sat, TQ.PROT9.QUALIFICATIONSTATUS.O, 192.801(a) (192.809(a))
Question Text	<i>Verify the individuals performing the observed covered tasks are currently qualified to perform the covered tasks.</i>
Assets Covered	Unit City of Enumclaw
Result Notes	All observed individuals were qualified to perform the work. Nick Burdin, Pressure control, OQ re-qualification date 3/8/20. Chuck Speece, Corrosion control, OQ re-qualification date 2/22/19 Chuck Speece, Valve operation, OQ re-qualification date 2/25/19
193. Question Result, ID, References	Sat, TQ.PROT9.TASKPERFORMANCE.O, 192.801(a) (192.809(a))
Question Text	<i>Verify the qualified individuals performed the observed covered tasks in accordance with the operator's procedures or operator approved contractor procedures.</i>
Assets Covered	Unit City of Enumclaw
Result Notes	All observed individuals correctly followed procedures for covered task.
194. Question Result, ID, References	Sat, TQ.PROT9.AOCRECOG.O, 192.801(a) (192.809(a))
Question Text	<i>Verify the individuals performing covered tasks are cognizant of the AOCs that are applicable to the tasks observed.</i>
Assets Covered	Unit City of Enumclaw

Result Notes	Individuals observed were cognizant of AOCs that could possibly exist, when asked
195. 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	Unit City of Enumclaw
Result Notes	Reviewed MEA documentation of covered task list for qualified individuals

MISCTOPICS.OPTRQUAL: Operator Qualification

196. Question Result, ID, References	Sat, TQ.OQ.ABNORMAL.R, 192.807(a) (192.807(b));192.803)
Question Text	Do records document evaluation of qualified individuals for recognition and reaction to AOCs?
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed OQ records for Kelly Oles AOC training. Also reviewed reporting of abnormal operations form for 2014, 2015, 2016
197. Question Result, ID, References	Sat, TQ.OQ.CHANGERECORD.R, 192.805(i) (192.805(f))
Question Text	Are records maintained for changes that affect covered tasks and significant OQ plan changes?
Assets Covered	Unit City of Enumclaw
Result Notes	No changes have been made to the OQ manual. It is reviewed by Ed Hawthorne yearly.
198. Question Result, ID, References	NA, TQ.OQ.OQCONTRACTOR.R, 192.807(a) (192.807(b))
Question Text	Are adequate records containing the required elements maintained for contractor personnel?
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
199. Question Result, ID, References	Sat, TQ.OQ.OQPLAN.O, 192.805(h)
Question Text	Do individuals performing covered tasks demonstrate adequate skills, knowledge, and ability?
Assets Covered	Unit City of Enumclaw
Result Notes	All observed individuals had adequate knowledge of each covered task
200. Question Result, ID, References	NA, TQ.OQ.OTHERENTITY.R, 192.805(b) (192.805(c));192.803)
Question Text	If the operator employs other entities to perform covered tasks, such as mutual assistance, are adequate records containing the required elements maintained?
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.
201. Question Result, ID, References	NA, TQ.OQ.PERFMONITOR.R, 192.805(d) (192.805(e))
Question Text	If the operator had an incident/accident where there is reason to believe that an individual contributed to the cause, do records indicate evaluation of the individual following the occurrence?
Assets Covered	Unit City of Enumclaw
Result Notes	No such event occurred, or condition existed, in the scope of inspection review.

202. Question Result, ID, References	Sat, TQ.OQ.RECORDS.R, 192.807
Question Text	<i>Do records document the evaluation and qualifications of individuals performing covered tasks, and can the qualification of individuals performing covered tasks be verified?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed qualifications for welders Mark VanWiernegren 2014, 2015, 2016. Also Nick Burdin OQ for 2014, 2015, 2016.
203. Question Result, ID, References	Sat, TQ.OQ.TRAINING.R, 192.807(a) (192.807(b))
Question Text	<i>Does the operator have records for initial qualification, retraining and reevaluation of individuals performing covered tasks?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed qualifications for welders Mark VanWiernegren 2014, 2015, 2016. Also Nick Burdin OQ for 2014, 2015, 2016.
204. Question Result, ID, References	Sat, TQ.OQ.ABNORMAL.O, 192.803
Question Text	<i>Do individuals performing covered tasks have adequate knowledge to recognize and react to abnormal operating conditions?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Individuals observed had adequate knowledge to recognize and react to AOCs that could possibly exist, when asked

MISCTOPICS.PUBAWARE: Public Awareness Program Effectiveness

205. Question Result, ID, References	Sat, PD.PA.AUDIENCEID.R, 192.616(d) (192.616(e);192.616(f);API RP 1162 Section 2.2;API RP 1162 Section 3)
Question Text	<i>Do records identify the individual stakeholders in the four affected stakeholder audience groups: (1) affected public, (2) emergency officials, (3) local public officials, and (4) excavators, as well as affected municipalities, school districts, businesses, and residents to which it sends public awareness materials and messages?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed records showing all stakeholders in this question. No issues
206. Question Result, ID, References	Sat, PD.PA.AUDITMETHODS.R, 192.616(c) (192.616(i);API RP 1162 Section 8.3)
Question Text	<i>Was one or more of the three acceptable methods (i.e., internal assessment, 3rd-party contractor review, or regulatory inspections) used to complete the annual audit or review of program implementation?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	There is an internal annual audit of the PA plan. Also a regulatory inspection was conducted 5/4/16
207. Question Result, ID, References	Sat, PD.PA.CHANGES.R, 192.616(c) (API RP 1162 Section 2.7 (Step 12);API RP 1162 Section 8.5)
Question Text	<i>Were needed changes and/or modifications to the program identified and documented based on the results and findings of the program effectiveness evaluations?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	There were no changes or modifications to the plan since the last PA review
208. Question Result, ID, References	Sat, PD.PA.EDUCATE.R, 192.616(d) (192.616(f))
Question Text	<i>Did delivered messages specifically include provisions to educate the public, emergency officials, local public officials, and excavators on: (1) Use of a one-call notification system prior to excavation and</i>

other damage prevention activities; (2) Possible hazards associated with unintended releases from a gas pipeline facility; (3) Physical indications of a possible release; (4) Steps to be taken for public safety in the event of a gas pipeline release; and (5) Procedures to report such an event?

Assets Covered Unit City of Enumclaw

Result Notes Reviewed the mailers/brochures that go to each stakeholder mentioned in this question. The delivered message mentions all 5 provisions mentioned in this questions. No issues

209. Question Result, ID, References Sat, PD.PA.EVALIMPL.R, 192.616(c) (192.616(i);API RP 1162 Section 8.3)

Question Text *Has an audit or review of the operator's program implementation been performed annually since the program was developed?*

Assets Covered Unit City of Enumclaw

Result Notes Reviewed annual internal audit January 25, 2017 for 2016 program. Enumclaw has a 10 year running average showing a downward trend in overall damages.

210. Question Result, ID, References Sat, PD.PA.LOCATIONMESSAGE.R, 192.616(e) (192.616(f))

Question Text *Were messages developed and delivered to advise affected municipalities, school districts, businesses, and residents of pipeline facility locations?*

Assets Covered Unit City of Enumclaw

Result Notes The messages that are delivered are adequate.

211. Question Result, ID, References Sat, PD.PA.MEASUREBEHAVIOR.R, 192.616(c) (API RP 1162 Section 8.4.3)

Question Text *In evaluating program effectiveness, was evaluation made of whether appropriate preventive, response, and mitigative behaviors were understood and likely to be exhibited?*

Assets Covered Unit City of Enumclaw

Result Notes Reviewed annual internal audit January 25, 2017 for 2016 program. Enumclaw has a 10 year running average showing a downward trend in overall damages.

Also reviewed 4-year Effectiveness review of annual surveys completed and response rates. Have well over 63% response which is above national averages of 55%.

212. Question Result, ID, References Sat, PD.PA.MEASUREBOTTOM.R, 192.616(c) (API RP 1162 Section 8.4.4)

Question Text *Were bottom-line results of the program measured by tracking third-party incidents and consequences including: (1) near misses, (2) excavation damages resulting in pipeline failures, (3) excavation damages that do not result in pipeline failures?*

Assets Covered Unit City of Enumclaw

Result Notes Reviewed Enumclaw's Annual review and summary of 2016 PA implementation form.

213. Question Result, ID, References Sat, PD.PA.MEASUREOUTREACH.R, 192.616(c) (API RP 1162 Section 8.4.1)

Question Text *In evaluating effectiveness, was actual program outreach for each stakeholder audience tracked?*

Assets Covered Unit City of Enumclaw

Result Notes Reviewed annual internal audit January 25, 2017 for 2016 program. Enumclaw has a 10 year running average showing a downward trend in overall damages.

Also reviewed 4-year Effectiveness review of annual surveys completed and response rates. Have well over 63% response which is above national averages of 55%.

214. Question Result, ID, References Sat, PD.PA.MEASUREUNDERSTANDABILITY.R, 192.616(c) (API RP 1162 Section 8.4.2)

Question Text	<i>In evaluating program effectiveness, was the percentage of each stakeholder audience that understood and retained the key information from the messages determined?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed annual internal audit January 25, 2017 for 2016 program. Enumclaw has a 10 year running average showing a downward trend in overall damages. Also reviewed 4-year Effectiveness review of annual surveys completed and response rates. Have well over 63% response which is above national averages of 55%.

215. Question Result, ID, References	Sat, PD.PA.MESSAGEFREQUENCY.R, 192.616(c) (API RP 1162 Table 2-1;API RP 1162 Table 2-2;API RP 1162 Table 2-3)
Question Text	<i>Did the delivery of materials and messages meet or exceed the baseline delivery frequencies specified in API RP 1162, Table 2-1 through Table 2.3?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Residential stakeholders get 2 mailers per year. Public officials including fire, police, etc once a year. No issues.

216. Question Result, ID, References	Sat, PD.PA.PROGRAMIMPROVE.R, 192.616(c) (API RP 1162 Section 8.3)
Question Text	<i>Were changes made to improve the program and/or the implementation process based on the results and findings of the annual audit(s)?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	There were no changes in the plan in the annual audits

217. Question Result, ID, References	Sat, EP.ERG.LIAISON.R, 192.605(a) (192.615(c)(1);192.615(c)(2);192.615(c)(3);192.615(c)(4);192.616(c);ADB-05-03) (also presented in: PRR.OM)
Question Text	<i>Do records indicate liaisons established and maintained with appropriate fire, police and other public officials and utility owners in accordance with procedures?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Reviewed records showing the appropriate officials were contacted from 2014, 2015, 2016. Also a record showing the list of public officials that are to be contacted

218. Question Result, ID, References	Sat, PD.PA.EVALEFFECTIVENESS.R, 192.616(c) (API RP 1162 Section 8.4) (also presented in: PRR.OM)
Question Text	<i>Have effectiveness evaluation(s) of the program been performed for all stakeholder groups in all notification areas along all systems covered by the program?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Enumclaw surveys the public to see the effectiveness of the plan. Reviewed program effectiveness letter from 7/12/17. No recommendations

219. Question Result, ID, References	Sat, PD.PA.LANGUAGE.R, 192.616(g) (API RP 1162 Section 2.3.1) (also presented in: PRR.OM)
Question Text	<i>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?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	Census data is used to find this information. English is the primary language for this district.

220. Question Result, ID, References	NA, PD.PA.MSTRMETER.R, 192.616(j) (192.616(h);API RP 1162 Section 2.7 (Step 12);API RP 1162 Section 8.5) (also presented in: PRR.OM)
Question Text	<i>Do records indicate the public awareness program for a master meter or petroleum gas system operator has met the requirements of Part 192?</i>
Assets Covered	Unit City of Enumclaw
Result Notes	No such relevant facilities/equipment existed in the scope of inspection review.

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