

Inspection Output (IOR)

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Inspection Information

Inspection Name	Enumclaw O&M Manual Review	Operator(s)	ENUMCLAW GAS DEPT, CITY OF (4500)	Plan Submitted	01/30/2018
		Lead	Scott Anderson	Plan Approval	02/02/2018
Status	PLANNED	Supervisor	Joe Subbits		by Joe Subbits
Start Year	2018	Director	Sean Mayo	All Activity Start	02/28/2018
System Type	GD			All Activity End	02/28/2018
Protocol Set ID	WA.GD.2017.01			Inspection Submitted	--
				Inspection Approval	--

Inspection Summary

This inspection consisted of reviewing the procedures for the City of Enumclaw's Operations and Maintenance manual. City of Enumclaw is a municipal owned distribution operator with approximately 4300 customers. No inconsistencies or violations were found as a result of this inspection.

Scope (Assets)

#	Short Label	Long Label	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Total Inspected	Required % Complete
1.	Enumclaw O&M	Enumclaw O&M	other	Enumclaw O&M	--	123	123	123	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.	Enumclaw O&M	n/a	PRO	P, R, O, S	Detail	

Plan Implementations

Activity #	Activity Name	SMAR T Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Assets	Qst Type(s)	Planned	Required	Total Inspected	Required % Complete
1.	Enumclaw O&M	--	02/28/2018	02/28/2018	n/a	all planned questions	all assets	all types	123	123	123	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	Enumclaw O&M	COMPLETED	03/06/2018	Enumclaw O&M	Enumclaw O&M

Results (all values, 123 results)

124 (instead of 123) results are listed due to re-presentation of questions in more than one sub-group.

PRO.REPORT: Reporting

1. Question Result, ID, References **Sat, RPT.RR.IMMEDREPORT.P, 191.5(b) (191.7(a), 191.7(d))**
Question Text *Is there a process to immediately report incidents to the National Response Center?*
Assets Covered **Enumclaw O&M**
Result Notes **O&M Manual, procedure 3-F Section 2.2**
2. Question Result, ID, References **Sat, RPT.RR.INCIDENTREPORT.P, 191.9(a)**
Question Text *Does the process require preparation and filing of an incident report as soon as practicable but no later than 30 days after discovery of a reportable incident?*
Assets Covered **Enumclaw O&M**
Result Notes **O&M Manual, procedure 3-F Section 3.2.2**
3. Question Result, ID, References **Sat, RPT.RR.INCIDENTREPORTSUPP.P, 191.9(b)**
Question Text *Does the process require preparation and filing of supplemental incident reports?*
Assets Covered **Enumclaw O&M**
Result Notes **O&M Manual, procedure 3-F Section 3.2.2(b)**
4. Question Result, ID, References **Sat, RPT.RR.OPID.P, 191.22(a) (191.22(c), 191.22(d))**
Question Text *Does the process require the obtaining, and appropriate control, of Operator Identification Numbers (OPIDs),), including changes in entity, acquisition/divestiture, and construction/update/uprate?*
Assets Covered **Enumclaw O&M**
Result Notes **City of Enumclaw OPID 4500**
5. Question Result, ID, References **Sat, RPT.RR.SRCR.P, 192.605(a) (191.23(a), 191.23(b), 191.25(a), 191.25(b))**
Question Text *Do the procedures require reporting of safety-related conditions?*
Assets Covered **Enumclaw O&M**
Result Notes **O&M Manual, procedure 1-I Section 4.1**
6. Question Result, ID, References **Sat, MO.GO.SRC.P, 192.605(a) (192.605(d), 191.23(a))**
Question Text *Does the process include instructions enabling personnel who perform operation and maintenance activities to recognize conditions that may potentially be safety-related conditions?*
Assets Covered **Enumclaw O&M**
Result Notes **O&M Manual Appendix 1-I Section 1**
7. Question Result, ID, References **Sat, DC.CO.FILEREQ.P,**
Question Text *Do procedures include requirements to file documents with the UTC at least 45 days prior to operation or construction of a pipeline?*
Assets Covered **Enumclaw O&M**
Result Notes **O&M Manual, procedure 1-G Section 4.3**
8. Question Result, ID, References **NA, FS.FG.PROXCON.P,**
Question Text *Are procedures in place to submit a written request to the commission prior to operating a gas pipeline in the areas and pressures designated in WAC 480-93-020?*
Assets Covered **Enumclaw O&M**
Result Notes **City of Enumclaw does not operate over 250psig see O&M Manual, procedure 1-C Section 1(a)(12)**
9. Question Result, ID, References **Sat, RPT.RR.MAOPINCREASEPLANS.P,**

Question Text *Do procedures require filing with the commission 45 days prior to uprating to a MAOP greater than 60 psig?*

Assets Covered Enumclaw O&M

Result Notes O&M Manual, procedure 2-K Section 3

10. Question Result, ID, References NA, RPT.RR.PRESSURETESTNOTIFY.P,

Question Text *Does the manual include procedures to notify the commission three days prior to the commencement of a pressure test that will have a MAOP that will produce a hoop stress $\leq 20\%$ SMYS?*

Assets Covered Enumclaw O&M

Result Notes City of Enumclaw does not operate greater than 20% SMYS, see O&M Manual, procedure 1-C Section 1(a)(8)

11. Question Result, ID, References Sat, RPT.RR.EMERGENCYNOTIFY.P,

Question Text *Does the manual include procedures to notify the commission of certain incidents or hazardous conditions within the required time frame?*

Assets Covered Enumclaw O&M

Result Notes O&M Manual, procedure 3-F Section 2.4(a-d)

12. Question Result, ID, References Sat, RPT.RR.THIRTYDAYRPT.P,

Question Text *Does the manual include procedures to submit a written report to the commission within thirty days of the initial telephonic report?*

Assets Covered Enumclaw O&M

Result Notes O&M Manual, procedure 3-F Section 3.2.2(a-b)

13. Question Result, ID, References Sat, RPT.RR.DIRTREPORTS.P,

Question Text *Do procedures require a report (i.e., DIRT Report) to be submitted to the commission and provide excavators with the required information in the event of damage to their gas pipeline?*

Assets Covered Enumclaw O&M

Result Notes O&M Manual, procedure 1-G Section 3.2

14. Question Result, ID, References Sat, RPT.RR.DAILYCONSTRUCTIONRPT.P,

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

Assets Covered Enumclaw O&M

Result Notes O&M Manual, procedure 1-G Section 4.2(b)

PRO.SUBACUSTEFV: Customer and EFV Installation Notification

15. Question Result, ID, References Sat, MO.GO.CUSTNOTIFY.P, 192.13(c) (192.16(a), 192.16(b), 192.16(c), 192.16(d))

Question Text *Is a customer notification process in place that satisfies the requirements of 192.16?*

Assets Covered Enumclaw O&M

Result Notes O&M Manual, procedure 2-G Section 4.2(b)(3)(a-f)

16. Question Result, ID, References Sat, MO.GO.EFVINSTALL.P, 192.383(b) (192.381(a), 192.381(b), 192.381(c), 192.381(d), 192.381(e), 192.383(a), 192.383(c))

Question Text *Is there an adequate excess flow valve (EFV) installation and performance program in place?*

Assets Covered Enumclaw O&M

Result Notes O&M Manual, procedure 4-O Section 9.9

PRO.SUBLNORMOPS: Normal Operating And Maintenance

17. Question Result, ID, References Sat, MO.GO.OMANNUALREVIEW.P, 192.605(a)

Question Text *Does the process include a requirement to review the manual at intervals not exceeding 15 months, but at least once each calendar year?*

- Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 1-F Section 2(a)
18. Question Result, ID, References Sat, MO.GO.OMHISTORY.P, 192.605(a) (192.605(b)(3))
Question Text *Does the process include requirements for making construction records, maps and operating history available to appropriate operating personnel?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 1-G Section 3.4(c)
19. Question Result, ID, References Sat, MO.GOMAOP.MAOPLIMIT.P, 192.605(a) (192.605(b)(5))
Question Text *Does the process include requirements for starting up and shutting down any part of the pipeline in a manner to assure operation with the MAOP limits, plus the build-up allowed for operation of pressure-limiting and control devices?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 2-Q Section 1
20. Question Result, ID, References Sat, MO.GO.OMEFFECTREVIEW.P, 192.605(a) (192.605(b)(8))
Question Text *Does the process include requirements for periodically reviewing 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 Enumclaw O&M
Result Notes O&M Manual, procedure 1-F Section 2(a)
21. Question Result, ID, References Sat, AR.RMP.SAFETY.P, 192.605(b)(9) (192.713(b))
Question Text *Does the process ensure that repairs are made in a safe manner and are made so as to prevent damage to persons and property?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 1-D
22. Question Result, ID, References NA, MO.GM.HOLDER.P, 192.605(a) (192.605(b)(10))
Question Text *Does the process include systematic and routine testing and inspection of pipe-type or bottle-type holders?*
Assets Covered Enumclaw O&M
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
23. Question Result, ID, References Sat, MO.GO.ODDOR.P, 192.605(a) (192.605(b)(11))
Question Text *Does the process require prompt response to the report of a gas odor inside or near a building?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 3-D Section 3
24. Question Result, ID, References Sat, MO.GM.MOVEANDLOWER.P,
Question Text *Does the manual include procedures to prepare a study when moving or lowering metallic pipelines greater than 2 inches in diameter and/or greater than 60 psig MAOP?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 2-H Section 2
25. Question Result, ID, References Sat, MO.GM.ONSITEPROCS.P,
Question Text *Does the manual require that procedures applicable to the work being done are located onsite where the work is being done?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 1-B Section 6(c)

PRO.SUBCLASS: Change In Class Location

26. Question Result, ID, [NA, MO.GOCLASS.CLASSLOCATESTUDY.P, 192.605\(b\)\(1\) \(192.609\(a\), 192.609\(b\), 192.609\(c\), 192.609\(d\), 192.609\(e\), 192.609\(f\)\)](#)
 Question Text *Does the process include a requirement that the operator conduct a study whenever an increase in population density indicates a change in the class location of a pipeline segment operating at a hoop stress that is more than 40% SMYS?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [City of Enumclaw does not operate over 40% SMYS see O&M Manual, procedure 1-C Section 1\(a\)\(8\)](#)
27. Question Result, ID, [NA, MO.GOCLASS.CLASSLOCATEREV.P, 192.605\(b\)\(1\) \(192.611\(a\), 192.611\(b\), 192.611\(c\), 192.611\(d\)\)](#)
 Question Text *Does the process include a requirement that the MAOP of a pipeline segment be confirmed or revised within 24 months whenever the hoop stress corresponding to the established MAOP is determined not to be commensurate with the existing class location?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [No such relevant facilities/equipment existed in the scope of inspection review. See O&M Manual, procedure 1-C Section 7](#)

PRO.SUBLSURVEIL: Continuing Surveillance

28. Question Result, ID, [Sat, MO.GO.CONTSURVEILLANCE.P, 192.605\(e\) \(192.613\(a\), 192.613\(b\), 192.703\(b\), 192.703\(c\)\)](#)
 Question Text *Are there processes for performing continuing surveillance of pipeline facilities, and also for reconditioning, phasing out, or reducing the MAOP in a pipeline segment that is determined to be in unsatisfactory condition but on which no immediate hazard exists?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [O&M Manual, procedure 2-C Section 1\(a\)](#)

PRO.SUBLDAMAGEPREVENT: Damage Prevention Program

29. Question Result, ID, [Sat, PD.OC.PDPROGRAM.P, 192.614\(a\)](#)
 Question Text *Is a damage prevention program approved and in place?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [O&M Manual, procedure 2-G](#)

PRO.SUBLEMERGOPS: Emergency

30. Question Result, ID, [Sat, EP.ERG.AUTHORITIES.P, 192.615\(a\) \(192.615\(a\)\(8\)\)](#)
 Question Text *Does the emergency plan include procedures for notifying appropriate public officials of gas pipeline emergencies and coordinating with them both planned responses and actual responses during an emergency?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [O&M Manual, procedure 3-J Section 1\(a\)](#)
[O&M Manual, procedure 3-C Section 2](#)
31. Question Result, ID, [Sat, EP.ERG.COMMSYS.P, 192.615\(a\) \(192.615\(a\)\(2\)\)](#)
 Question Text *Does the emergency plan include procedures for establishing and maintaining adequate means of communication with appropriate fire, police, and other public officials?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [O&M Manual, procedure 3-C Section 2](#)
[O&M Manual, procedure 3-J Section 1\(a\)](#)
32. Question Result, ID, [Sat, EP.ERG.INCIDENTACTIONS.P, 192.615\(a\) \(192.615\(a\)\(10\)\)](#)

- Question Text *Does the process include procedures for beginning action under 192.617, if applicable, as soon after the end of the emergency as possible?*
- Assets Covered Enumclaw O&M
- Result Notes O&M Manual, procedure 3-G Section 2
33. Question Result, ID, References Sat, EP.ERG.NOTICES.P, 192.615(a)(1)
- Question Text *Does the emergency plan include procedures for receiving, identifying, and classifying notices of events which need immediate response?*
- Assets Covered Enumclaw O&M
- Result Notes O&M Manual, procedure 3-B Section 1
34. Question Result, ID, References Sat, EP.ERG.OUTAGERESTORE.P, 192.615(a) (192.615(a)(9))
- Question Text *Does the emergency plan include procedures for safely restoring any service outage?*
- Assets Covered Enumclaw O&M
- Result Notes O&M Manual, procedure 3-D Section 8.1
35. Question Result, ID, References Sat, EP.ERG.PRESSREDUCESD.P, 192.615(a) (192.615(a)(6))
- Question Text *Does the emergency plan include procedures for the emergency shutdown or pressure reduction in any section of pipeline system necessary to minimize hazards to life or property?*
- Assets Covered Enumclaw O&M
- Result Notes O&M Manual, procedure 3-D Section 2
36. Question Result, ID, References Sat, EP.ERG.PUBLICHAZ.P, 192.605(a) (192.615(a)(7))
- Question Text *Does the emergency plan include procedures for making safe any actual or potential hazard to life or property?*
- Assets Covered Enumclaw O&M
- Result Notes O&M Manual, procedure 3-A Section 3(a)
37. Question Result, ID, References Sat, EP.ERG.PUBLICPRIORITY.P, 192.615(a) (192.615(a)(5))
- Question Text *Does the emergency plan include procedures for taking actions directed toward protecting people first and then property?*
- Assets Covered Enumclaw O&M
- Result Notes O&M Manual, procedure 3-A Section 3(b)
38. Question Result, ID, References Sat, EP.ERG.READINESS.P, 192.615(a) (192.615(a)(4))
- Question Text *Does the process include procedures for ensuring the availability of personnel, equipment, tools, and materials as needed at the scene of an emergency?*
- Assets Covered Enumclaw O&M
- Result Notes O&M Manual, procedure 3-E
39. Question Result, ID, References Sat, EP.ERG.RESPONSE.P, 192.615(a) (192.615(a)(3), 192.615(a)(11), 192.615(b)(1))
- Question Text *Does the emergency plan include procedures for making a prompt and effective response to a notice of each type of emergency, including gas detected inside or near a building, a fire or explosion near or directly involving a pipeline facility, or a natural disaster?*
- Assets Covered Enumclaw O&M
- Result Notes O&M Manual, procedure 3-A Section 2
40. Question Result, ID, References Sat, EP.ERG.TRAINING.P, 192.615(b)(2)
- Question Text *Does the process include training of the appropriate operating personnel to assure they are knowledgeable of the emergency procedures and verifying that the training is effective?*
- Assets Covered Enumclaw O&M
- Result Notes O&M Manual, procedure 3-I Section 2

41. Question Result, ID, References **Sat, EP.ERG.POSTEVTREVIEW.P, 192.615(b)(3)**
 Question Text *Does the process include detailed steps for reviewing employee activities to determine whether the procedures were effectively followed in each emergency?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 3-H Section 1**
42. Question Result, ID, References **Sat, EP.ERG.LIAISON.P, 192.615(c) (192.615(c)(1), 192.615(c)(2), 192.615(c)(3), 192.615(c)(4), 192.616(c), ADB-05-03)**
 Question Text *Does the process include steps for establishing and maintaining liaison with appropriate fire, police and other public officials and utility owners?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 3-J Section 1**

PRO.SUBLPUBAWARE: Public Awareness Program

43. Question Result, ID, References **NA, PD.PA.MSTRMETER.P, 192.616(j) (192.616(h))** (also presented in: MISCTOPICS.PUBAWARE)
 Question Text *Does the public awareness program for a master meter or petroleum gas system meet the requirements of Part 192?*
 Assets Covered **Enumclaw O&M**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

PRO.SUBLFAILINV: Failure Investigation

44. Question Result, ID, References **Sat, EP.ERG.INCIDENTANALYSIS.P, 192.617**
 Question Text *Does the process include procedures for analyzing accidents and failures, including the selection of samples of the failed facility or equipment for laboratory examination, where appropriate, for the purpose of determining the causes of the failure and minimizing the possibility of recurrence?*
 Assets Covered **Enumclaw O&M**
 Result Notes **2-R**

PRO.SUBLMAOP: MAOP

45. Question Result, ID, References **Sat, MO.GOMAOP.MAOPDETERMINE.P, 192.605(b)(1) (192.619(a), 192.619(b), 192.621(a), 192.621(b), 192.623(a), 192.623(b))**
 Question Text *Does the process include requirements for determining the maximum allowable operating pressure for a pipeline segment in accordance with 192.619?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 3-G**

PRO.SUBLPRESSTEST: Pressure Test

46. Question Result, ID, References **Sat, AR.PTI.PRESSTESTACCEP.P, 192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.505(a), 192.505(b), 192.505(c), 192.505(d), 192.505(e), 192.507(a), 192.507(b), 192.507(c), 192.513(a), 192.513(b), 192.513(c), 192.513(d))**
 Question Text *Were test acceptance criteria and procedures/processes sufficient to assure the basis for an acceptable pressure test?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 2-J Section 1**
47. Question Result, ID, References **Sat, AR.PTI.EQUIPCALIB.P,**
 Question Text *Does the manual include procedures to maintain and calibrate pressure testing equipment in accordance with manufacturer's recommendations?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 2-A Section 3.1**

PRO.SUBLODOR: Odorization Of Gas

48. Question Result, ID, [Sat, MO.GOODOR.ODORIZE.P, 192.605\(b\)\(1\) \(192.625\(a\), 192.625\(b\), 192.625\(c\), 192.625\(d\), 192.625\(e\), 192.625\(f\)\)](#)
References
Question Text *Does the process ensure appropriate odorant levels are contained in its combustible gases in accordance with 192.625?*
Assets Covered [Enumclaw O&M](#)
Result Notes [O&M Manual, procedure 2-M](#)

PRO.SUBLTAP: Tapping Pipelines Under Pressure

49. Question Result, ID, [Sat, AR.RMP.HOTTAP.P, 192.605\(b\)\(1\) \(192.627\)](#)
References
Question Text *Is the process adequate for tapping pipelines under pressure?*
Assets Covered [Enumclaw O&M](#)
Result Notes [O&M Manual, procedure 4-L](#)
50. Question Result, ID, [Sat, TQ.QU.HOTTAPQUAL.P, 192.627 \(192.805\(b\)\)](#)
References
Question Text *Does the process require taps on a pipeline under pressure (hot taps) to be performed by qualified personnel?*
Assets Covered [Enumclaw O&M](#)
Result Notes [O&M Manual, procedure 4-L Section 3\(a\)](#)

PRO.SUBLPURGE: Pipeline Purging

51. Question Result, ID, [Sat, MO.GO.PURGE.P, 192.605\(b\)\(1\) \(192.629\(a\), 192.629\(b\)\)](#)
References
Question Text *Does the process include requirements for purging of pipelines in accordance with 192.629?*
Assets Covered [Enumclaw O&M](#)
Result Notes [O&M Manual, procedure 4-K](#)

PRO.SUBLINEMARK: Line Marker

52. Question Result, ID, [Sat, MO.RW.ROWMARKER.P, 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\)](#)
References
Question Text *Does the process adequately cover the requirements for placement of ROW markers?*
Assets Covered [Enumclaw O&M](#)
Result Notes [O&M Manual, procedure 2-F](#)
53. Question Result, ID, [Sat, MO.RW.MARKERSURVEY.P,](#)
References
Question Text *Are procedures in place to survey pipeline markers at specified intervals?*
Assets Covered [Enumclaw O&M](#)
Result Notes [O&M Manual, procedure 2-D Section 1.3\(a\)\(2\) and 1.5](#)
54. Question Result, ID, [Sat, MO.RW.MARKERREPLACE.P,](#)
References
Question Text *Does the manual include procedures to replace damaged or missing markers within 45 days?*
Assets Covered [Enumclaw O&M](#)
Result Notes [O&M Manual, procedure 2-D Section 1.1\(e\)](#)

PRO.SUBMPATROLDIST: Distribution System Patrolling & Leakage Survey

55. Question Result, ID, [Sat, MO.RW.DISTLEAKAGE.P, 192.723\(a\) \(192.723\(b\)\)](#)
References
Question Text *Does the process require distribution system leakage surveys to be conducted?*
Assets Covered [Enumclaw O&M](#)

Result Notes O&M Manual, procedure 2-D Section 2

56. Question Result, ID, References Sat, MO.RW.DISTPATROL.P, 192.721(a) (192.721(b))
Question Text *Does the process require distribution system patrolling to be conducted?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 2-D Section 1
57. Question Result, ID, References Sat, MO.RW.LEAKGRADE.P,
Question Text *Do procedures require grading/re-grading leaks and evaluating the concentration and extent of leakage?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 2-D Section 5
58. Question Result, ID, References Sat, MO.RW.LEAKPERIMETER.P,
Question Text *Do procedures require checking the perimeter of a gas leak with a combustible gas indicator?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 2-P Section 4.1(g)
59. Question Result, ID, References Sat, MO.RW.LEAKFOLLOW.P,
Question Text *Do procedures require performing a follow-up inspection on all leak repairs with residual gas remaining in the ground not later than thirty days after the repair?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 2-P Section 6.2.2(d)
60. Question Result, ID, References Sat, MO.RW.MOVEANDLOWERSURVEY.P,
Question Text *Does the manual include procedures to leak survey not more than thirty days after a metallic pipeline has been moved or lowered?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 2-H Section 3

PRO.SUBMPATROLEAK: Transmission System Patrolling & Leakage Survey

61. Question Result, ID, References NA, MO.RW.TRANSLEAKAGE.P, 192.706 (192.706(a), 192.706(b))
Question Text *Does the process require transmission leakage surveys to be conducted?*
Assets Covered Enumclaw O&M
Result Notes No such relevant facilities/equipment existed in the scope of inspection review. City of Enumclaw does not have any transmission piping, see O&M Manual, procedure 1-C Section 1(a)(7)
62. Question Result, ID, References NA, MO.RW.TRANSPATROL.P, 192.705(a) (192.705(b), 192.705(c))
Question Text *Does the process adequately cover the requirements for transmission line patrolling the ROW and conditions reported?*
Assets Covered Enumclaw O&M
Result Notes No such relevant facilities/equipment existed in the scope of inspection review. City of Enumclaw does not have any transmission piping, see O&M Manual, procedure 1-C Section 1(a)(7)

PRO.SUBMSVCREINSTATE: Test Requirements For Reinstating Service Lines

63. Question Result, ID, References Sat, AR.RMP.TESTREINSTATE.P, 192.605(b) (192.725(a), 192.725(b))
Question Text *Is the process adequate for the testing of disconnected service lines?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 4-O Section 7

PRO.SUBMABANDON: Abandonment Or Deactivation Of Facilities

64. Question Result, ID, References [Sat, MO.GM.ABANDONPIPE.P, 192.605\(b\)\(1\) \(192.727\(a\), 192.727\(b\), 192.727\(c\), 192.727\(d\), 192.727\(e\), 192.727\(f\), 192.727\(g\)\)](#)
Question Text *Does the process include adequate requirements for the abandonment and deactivation of pipelines and facilities?*
Assets Covered [Enumclaw O&M](#)
Result Notes [O&M Manual, procedure 2-R](#)

PRO.SUBMOVERPRESS: Pressure Limiting And Regulating Station

65. Question Result, ID, References [Sat, MO.GMOPP.PRESSREGTEST.P, 192.605\(b\)\(1\) \(192.739\(a\), 192.739\(b\)\)](#)
Question Text *Does the process include requirements for inspecting and testing each pressure limiting station, relief device, and pressure regulating station and their equipment at intervals not exceeding 15 months, but at least once each calendar year as required?*
Assets Covered [Enumclaw O&M](#)
Result Notes [O&M Manual, procedure 2-L Section 1](#)
66. Question Result, ID, References [Sat, MO.GMOPP.PRESSREGMETER.P, 192.605\(b\)\(1\) \(192.741\(a\), 192.741\(b\), 192.741\(c\)\)](#)
Question Text *Does the process require telemetering or recording gauges be utilized as required for distribution systems?*
Assets Covered [Enumclaw O&M](#)
Result Notes [O&M Manual, procedure 2-L Section 8](#)
67. Question Result, ID, References [Sat, MO.GMOPP.PRESSREGCAP.P, 192.605\(b\)\(1\) \(192.743\(a\), 192.743\(b\), 192.743\(c\)\)](#)
Question Text *Does the process include requirements for ensuring, either by testing or a review of calculations, at intervals not exceeding 15 months, but at least once each calendar year, that the capacity of each pressure relief device at pressure limiting stations and pressure regulating stations has sufficient capacity, and for installing a new or additional device if a relief device is determined to have insufficient capacity?*
Assets Covered [Enumclaw O&M](#)
Result Notes [O&M Manual, procedure 2-L Section 6.3](#)
68. Question Result, ID, References [NA, MO.GMOPP.MULTIPRESSREG.P,](#)
Question Text *Does the manual include procedures to install two or more regulator stations in a manner that will provide protection between the stations?*
Assets Covered [Enumclaw O&M](#)
Result Notes [City of Enumclaw does not have multistage pressure regulation](#)
69. Question Result, ID, References [Sat, DC.METERREGSVC.REGTEST.P,](#)
Question Text *Does the manual have procedures for testing service regulators and associated safety devices during initial turn-on and when a customer experiences a pressure problem?*
Assets Covered [Enumclaw O&M](#)
Result Notes [O&M Manual, procedure 4-P Section 5.1](#)

PRO.SUBMVALVE: Valve And Vault Maintenance

70. Question Result, ID, References [Sat, MO.GM.DISTVALVEINSPECT.P, 192.605\(b\)\(1\) \(192.747\(a\), 192.747\(b\)\)](#)
Question Text *Does the process include procedures for inspecting and partially operating 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 for taking prompt remedial action to correct any valve found inoperable?*
Assets Covered [Enumclaw O&M](#)
Result Notes [O&M Manual, procedure 2-E Section 1.2](#)

[O&M Manual, procedure 2-E Section 2](#)

PRO.SUBMVAULT: Vault Inspection

71. Question Result, ID, References **NA, FS.FG.VAULTINSPECTFAC.P, 192.605(b)(1) (192.749(a), 192.749(b), 192.749(c), 192.749(d))**
Question Text *Does the process provide adequate direction for inspecting vaults having a volumetric internal content of 200 cubic feet (5.66 cubic meters) or more that house pressure regulating/limiting equipment and are inspections to be performed at the required interval?*
Assets Covered **Enumclaw O&M**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

PRO.SUBMIGNITE: Prevention Of Accidental Ignition

72. Question Result, ID, References **Sat, MO.GM.IGNITION.P, 192.605(b)(1) (192.751(a), 192.751(b), 192.751(c))**
Question Text *Are there processes for minimizing the danger of accidental ignition where gas constitutes a hazard of fire or explosion?*
Assets Covered **Enumclaw O&M**
Result Notes **O&M Manual, procedure 1-D Section 6**

PRO.SUBMBELLSPIGOT: Caulked Bell And Spigot Joints

73. Question Result, ID, References **NA, MO.GM.BELLSPIGOTJOINT.P, 192.753(a) (192.753(b))**
Question Text *Does the process require that caulked bell and spigot joints be correctly sealed?*
Assets Covered **Enumclaw O&M**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

PRO.SUBMCAST: Protecting Cast-Iron Pipeline

74. Question Result, ID, References **NA, MO.GM.CASTIRONPROTECT.P, 192.755(a) (192.755(b))**
Question Text *Does the process require adequate protection for segments of a buried cast-iron pipeline for which support has been disturbed?*
Assets Covered **Enumclaw O&M**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

PRO.SUBEWELD: Welding And Weld Defect Repair/removal

75. Question Result, ID, References **Sat, DC.WELDPROCEDURE.WELD.P, 192.225(a) (192.225(b))**
Question Text *Does the process require welding to be performed by qualified welders using qualified welding procedures and are welding procedures and qualifying tests required to be recorded in detail?*
Assets Covered **Enumclaw O&M**
Result Notes **O&M Manual, procedure 4-I**
76. Question Result, ID, References **Sat, TQ.QUOMCONST.WELDER.P, 192.227(a) (192.225(a), 192.225(b), 192.328(a), 192.328(b))**
Question Text *Does the process require welders to be qualified in accordance with API 1104 or the ASME Boiler & Pressure Vessel Code?*
Assets Covered **Enumclaw O&M**
Result Notes **O&M Manual, procedure 4-I Section 3.1**
77. Question Result, ID, References **Sat, TQ.QUOMCONST.WELDERLOWSTRESS.P, 192.227(b) (192.225(a), 192.225(b), 192.805(b))**
Question Text *Does the process require welders who perform welding on low stress pipe on lines that operate at < 20% SMYS to be qualified under Section I of Appendix C to Part 192, and are welders who perform welding on service line connection to a main required to be qualified under Section II of Appendix C to Part 192?*
Assets Covered **Enumclaw O&M**

Result Notes O&M Manual, procedure 4-I Section 2.2.1

O&M Manual, procedure 4-I Section 3.5

78. Question Result, ID, References Sat, DC.WELDERQUAL.WELDERLIMITNDT.P, 192.303 (192.229(a), 192.229(b), 192.229(c), 192.229(d))
Question Text *Does the process require certain limitations be placed on welders?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 4-I Section 3.6
79. Question Result, ID, References Sat, DC.WELDPROCEDURE.WELDWEATHER.P, 192.303 (192.231)
Question Text *Does the process require welding to be protected from weather conditions that would impair the quality of the completed weld?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 4-I Section 4.1
80. Question Result, ID, References Sat, DC.WELDPROCEDURE.MITERJOINT.P, 192.303 (192.233(a), 192.233(b), 192.233(c))
Question Text *Does the process prohibit the use of certain miter joints?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 4-I Section 4.2
81. Question Result, ID, References Sat, DC.WELDPROCEDURE.WELDPREP.P, 192.303 (192.235)
Question Text *Does the process require certain preparations for welding, in accordance with 192.235?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 4-I Section 4.3
82. Question Result, ID, References Sat, DC.WELDINSPECT.WELDVISUALQUAL.P, 192.303 (192.241(a), 192.241(b), 192.241(c))
Question Text *Does the process require visual inspections of welds to be conducted by qualified inspectors?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 4-I Section 5
83. Question Result, ID, References Sat, DC.WELDINSPECT.WELDREPAIR.P, 192.303 (192.245(a), 192.245(b), 192.245(c))
Question Text *Does the process require welds that are unacceptable to be removed and/or repaired as specified by 192.245?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 4-I Section 6

PRO.SUBENDT: Nondestructive Testing

84. Question Result, ID, References Sat, DC.WELDINSPECT.WELDNDT.P, 192.243(a) (192.243(b), 192.243(c), 192.243(d), 192.243(e).)
Question Text *Is there a process for nondestructive testing and interpretation?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 4-I Section 5.3.2

PRO.SUBEJOIN: Joining Of Pipeline Materials

85. Question Result, ID, References Sat, DC.CO.PLASTICJOINT.P, 192.303 (192.273(b), 192.281(a), 192.281(b), 192.281(c), 192.281(d), 192.281(e))
Question Text *Does the process require plastic pipe joints to be designed and installed in accordance with 192.281?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 4-H Section 4

86. Question Result, ID, References **Sat, DC.CO.PLASTICJOINTPROCEDURE.P, 192.273(b) (192.283(a), 192.283(b), 192.283(c), 192.283(d))**
 Question Text *Does the process require plastic pipe joining procedures to be qualified in accordance with 192.283, prior to making plastic pipe joints?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 4-H Section 5**
87. Question Result, ID, References **Sat, DC.CO.PLASTICJOINTQUAL.P, 192.285(d) (192.285(a), 192.285(b), 192.285(c), 192.805)**
 Question Text *Is a process in place to ensure that personnel making joints in plastic pipelines are qualified?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 4-H Section 6**
88. Question Result, ID, References **Sat, DC.CO.PLASTICJOINTINSP.P, 192.287 (192.805(h))**
 Question Text *Is a process in place to assure that persons who inspect joints in plastic pipes are qualified?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 4-H Section 7**
89. Question Result, ID, References **Sat, DC.CO.PLASTICPIPEPROC.P,**
 Question Text *Do procedures include requirements for storage, handling and installation of plastic pipe, including limits for ultraviolet exposure?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 4-B Section 6**
90. Question Result, ID, References **Sat, DC.CO.PLASTICWEAKLINK.P,**
 Question Text *Does the manual include procedures for installing a weak link when pulling plastic pipe?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 4-F Section 3.2.1(d)**
91. Question Result, ID, References **Sat, DC.CO.PLASTICPIPESEP.P,**
 Question Text *Does the manual include procedures to ensure minimum separation requirements are met for plastic pipelines?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 4-E Section 8.2(b)**
92. Question Result, ID, References **Sat, DC.CO.PLASTICABOVEGROUND.P,**
 Question Text *Does the manual include procedures for temporary above ground plastic pipe installation as well as procedures for commission notification for installations longer than thirty days?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 4-G Section 1**
93. Question Result, ID, References **Sat, DC.CO.PLASTICBACKFILL.P,**
 Question Text *Does the manual include procedures to bury plastic pipe with essentially rock-free material or material recommended by the manufacturer?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 4-G Section 12.7(b)**
94. Question Result, ID, References **Sat, DC.CO.PLASTICSQUEEZING.P,**
 Question Text *Does the manual include procedures for restrictions on squeezing of plastic pipe?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 4-G Section 10**

PRO.SUBICORROSION: Corrosion Control

95. Question Result, ID, [Sat, TD.COAT.NEWPIPE.P, 192.605\(b\)\(2\) \(192.455\(a\), 192.455\(b\), 192.455\(c\), 192.455\(d\), 192.461\(a\), 192.461\(b\), 192.463, 192.483\(a\)\)](#)
 References
 Question Text *Does the process require that each buried or submerged pipeline installed after July 31, 1971 be externally coated with a material that is adequate for underground service on a cathodically protected pipeline?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [O&M Manual, procedure 2-O Section 2.2](#)
96. Question Result, ID, [Sat, TQ.QU.CORROSION.P, 192.453 \(192.805\(b\)\)](#)
 References
 Question Text *Does the process require corrosion control procedures to be carried out by, or under the direction of, qualified personnel?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [O&M Manual, procedure 2-O Section 1.3](#)
97. Question Result, ID, [Sat, TD.COAT.CONVERTPIPE.P, 192.605\(b\)\(2\) \(192.452\(a\), 192.455\(a\), 192.455\(b\), 192.455\(c\), 192.455\(d\), 192.461\(a\)\)](#)
 References
 Question Text *Does the process require that each buried or submerged pipeline that has been converted to gas service and was installed after July 31, 1971, be protected against external corrosion with an adequate coating unless exempted by 192.455(b)?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [O&M Manual, procedure 2-O Section 2.2](#)
98. Question Result, ID, [Sat, TD.CP.POST1971.P, 192.605\(b\)\(2\) \(192.455\(a\), 192.457\(a\), 192.452\(a\), 192.452\(b\), 192.455\(c\), 192.455\(d\)\)](#)
 References
 Question Text *Does the process require that each buried or submerged pipeline installed after July 31, 1971, be protected against external corrosion with a cathodic protection system within 1 year after completion of construction, conversion to service, or becoming jurisdictional onshore gathering?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [O&M Manual, procedure 2-O Section 2.3\(a\)\(2\)](#)
99. Question Result, ID, [NA, TD.CP.ALUMINUM.P, 192.605\(b\)\(2\) \(192.455\(e\)\)](#)
 References
 Question Text *Does the process give adequate guidance for the installation of aluminum in a submerged or buried pipeline?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [No such relevant facilities/equipment existed in the scope of inspection review.](#)
100. Question Result, ID, [Sat, TD.CP.PRE1971.P, 192.605\(b\)\(2\) \(192.457\(b\)\)](#)
 References
 Question Text *Does the process require that pipelines installed before August 1, 1971 (except for cast and ductile iron lines) which are 1) bare or ineffectively coated transmission lines or 2) bare or coated pipes in compressor, regulator or meter stations must be cathodically protected in areas where active corrosion is found?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [O&M Manual, procedure 2-O Section 2.4](#)
101. Question Result, ID, [Sat, TD.CPEXPOSED.EXPOSEINSPECT.P, 192.605\(b\)\(2\) \(192.459\)](#)
 References
 Question Text *Does the process require that exposed portions of buried pipeline must be examined for external corrosion?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [O&M Manual, procedure 2-O Section 3.1](#)
102. Question Result, ID, [Sat, TD.CPEXPOSED.EXPOSECORRODE.P, 192.605\(b\)\(2\) \(192.459\)](#)
 References
 Question Text *Does the process require further examination of exposed buried pipe if corrosion is found?*
 Assets Covered [Enumclaw O&M](#)
 Result Notes [O&M Manual, procedure 2-O Section 3.1](#)
103. Question Result, ID, [Sat, TD.CPEXPOSED.MONITORCRITERIA.P, 192.605\(b\)\(2\) \(192.463\(a\), 192.463\(c\)\)](#)
 References
 Question Text *Does the process require CP monitoring criteria to be used that is acceptable?*

- Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 2-O Section 2.3(d)
104. Question Result, ID, References NA, TD.CP.AMPHOTERIC.P, 192.605(b)(2) (192.463(b), 192.463(c))
Question Text *Does the process describe criteria to be used for cathodic protection of amphoteric metals (aluminum) that are included in a steel pipeline?*
Assets Covered Enumclaw O&M
Result Notes No such relevant facilities/equipment existed in the scope of inspection review. See O&M Manual, procedure 2-O Section 2.3(h)
105. Question Result, ID, References Sat, TD.CP.MONITOR.TEST.P, 192.605(b)(2) (192.465(a))
Question Text *Does the process adequately describe how to monitor CP that has been applied to pipelines?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 2-O Section 5.1
106. Question Result, ID, References Sat, TD.CP.MONITOR.CURRENTTEST.P, 192.605(b)(2) (192.465(b))
Question Text *Does the process give sufficient details for making electrical checks of rectifiers or impressed current sources?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 2-O Section 5.1(c)
107. Question Result, ID, References Sat, TD.CP.MONITOR.REVCURRENTTEST.P, 192.605(b)(2) (192.465(c))
Question Text *Does the process give sufficient details for making electrical checks of interference bonds, diodes, and reverse current switches?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 2-O Section 5.1(d)
108. Question Result, ID, References Sat, TD.CP.MONITOR.DEFICIENCY.P, 192.605(b)(2) (192.465(d))
Question Text *Does the process require that the operator promptly correct any identified deficiencies in corrosion control?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 2-O Section 5.1(e)
109. Question Result, ID, References NA, TD.CP.UNPROTECT.P, 192.605(b)(2) (192.465(e))
Question Text *Does the process give sufficient direction for the monitoring of external corrosion on buried pipelines that are not protected by cathodic protection?*
Assets Covered Enumclaw O&M
Result Notes No such relevant facilities/equipment existed in the scope of inspection review.
110. Question Result, ID, References Sat, TD.CP.ELECISOLATE.P, 192.605(b)(2) (192.467(a), 192.467(b), 192.467(c), 192.467(d), 192.467(e))
Question Text *Does the process give adequate guidance for electrically isolating 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 Enumclaw O&M
Result Notes O&M Manual, procedure 2-O Section 2.6

O&M Manual, procedure 4-N Section 4
111. Question Result, ID, References Sat, TD.CP.MONITOR.TESTSTATION.P, 192.469
Question Text *Does the process contain provisions to assure that each pipeline has sufficient test stations or other contact points to determine the adequacy of cathodic protection?*
Assets Covered Enumclaw O&M
Result Notes O&M Manual, procedure 4-N Section 6

112. Question Result, ID, References **Sat, TD.CPMONITOR.TESTLEAD.P, 192.605(b)(2) (192.471(a), 192.471(b), 192.471(c))**
 Question Text *Does the process provide adequate instructions for the installation of test leads?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 4-N Section 6**
113. Question Result, ID, References **Sat, TD.CPMONITOR.INTFRCURRENT.P, 192.605(b)(2) (192.473(a))**
 Question Text *Does the operator have a program in place to minimize detrimental effects of interference currents on its pipeline system and does the process for designing and installing cathodic protection systems provide for the minimization of detrimental effects of interference currents on existing adjacent metallic structures?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 2-O Section 1.6**
114. Question Result, ID, References **NA, TD.ICP.CORRGAS.P, 192.605(b)(2) (192.475(a))**
 Question Text *Does the process require that the corrosive effect of the gas in the pipeline be investigated and if determined to be corrosive, steps be taken to minimize internal corrosion?*
 Assets Covered **Enumclaw O&M**
 Result Notes **No such activity/condition was observed during the inspection. See O&M Manual, procedure 2-O Section 4**
115. Question Result, ID, References **NA, TD.ICP.EXAMINE.P, 192.605(b)(2) (192.475(a), 192.475(b))**
 Question Text *Does the process direct personnel to examine removed pipe for evidence of internal corrosion?*
 Assets Covered **Enumclaw O&M**
 Result Notes **No such activity/condition was observed during the inspection. See O&M Manual, procedure 2-O Section 4**
116. Question Result, ID, References **NA, TD.ICP.CORRGASACTION.P, 192.605(b)(2) (192.477)**
 Question Text *Does the process give adequate direction for actions to be taken if corrosive gas is being transported by pipeline?*
 Assets Covered **Enumclaw O&M**
 Result Notes **No such activity/condition was observed during the inspection. See O&M Manual, procedure 2-O Section 4**
117. Question Result, ID, References **Sat, TD.ATM.ATMCORRODE.P, 192.605(b)(2) (192.479(a), 192.479(b), 192.479(c))**
 Question Text *Does the process give adequate guidance identifying atmospheric corrosion and for protecting above ground pipe from atmospheric corrosion?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 2-O Section 3**
118. Question Result, ID, References **Sat, TD.ATM.ATMCORRODEINS.P, 192.605(b)(2) (192.481(a), 192.481(b), 192.481(c))**
 Question Text *Does the process give adequate instruction for the inspection of aboveground pipeline segments for atmospheric corrosion?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 2-O Section 5.3**
119. Question Result, ID, References **Sat, AR.RCOM.REPAIR.P, 192.491(c) (192.485(a), 192.485(b), 192.487(a), 192.487(b))**
 Question Text *Does the process give sufficient guidance for personnel to repair or replace pipe that has corroded to an extent that there is no longer sufficient remaining strength in the pipe wall?*
 Assets Covered **Enumclaw O&M**
 Result Notes **O&M Manual, procedure 2-O Section 6**
120. Question Result, ID, References **NA, TD.CP.GRAPHITIZE.P, 192.605(b)(2) (192.489(a), 192.489(b))**
 Question Text *Does the process give adequate guidance for remediation of graphitization of cast iron or ductile iron pipe?*
 Assets Covered **Enumclaw O&M**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

121. Question Result, ID, References **Sat, TD.CP.RECORDS.P, 192.605(b)(2) (192.491(a), 192.491(b), 192.491(c))**
Question Text *Does the process include records requirements for the corrosion control activities listed in 192.491?*
Assets Covered **Enumclaw O&M**
Result Notes **O&M Manual, procedure 2-O Section 7**
122. Question Result, ID, References **Sat, FS.FG.CASING.P,**
Question Text *Does the manual include procedures to only install bare steel casings and to include test leads on all new casings?*
Assets Covered **Enumclaw O&M**
Result Notes **O&M Manual, procedure 2-O Section 5.1(f)**
123. Question Result, ID, References **Sat, FS.FG.CASESEAL.P,**
Question Text *Does the manual include procedures to seal the ends of casings and conduits for mains and transmission and to seal the end nearest a building for service lines?*
Assets Covered **Enumclaw O&M**
Result Notes **O&M Manual, procedure 4-N Section 4.3**

MISCTOPICS.PUBAWARE: Public Awareness Program Effectiveness

124. Question Result, ID, References **NA, PD.PA.MSTRMETER.P, 192.616(j) (192.616(h))** (also presented in: **PRO.SUBLPUBAWARE**)
Question Text *Does the public awareness program for a master meter or petroleum gas system meet the requirements of Part 192?*
Assets Covered **Enumclaw O&M**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**

Report Parameters: Results: all

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