

Inspection Output (IOR)

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Report Filters

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

Results All

Inspection Information

Inspection Name	9027 - NWN GD O&M Review 2025	Operator(s)	NORTHWEST NATURAL GAS CO (13840)	Plan Submitted	01/09/2025
		Lead	Scott Anderson	Plan Approval	01/14/2025 by Dennis Ritter
Status	LOCKED	Observer(s)	David Cullom, Anthony Dorough, Derek Norwood, John Trier, Marina Rathbun, Tom Green, Jason Hoxit, Emma Barrett	All Activity Start	05/13/2025
Start Year	2025	Supervisor	Dennis Ritter	All Activity End	05/15/2025
System Type	GD	Director	Scott Rukke	Inspection Submitted	05/15/2025
Protocol Set ID	WA.GD.2024.02			Inspection Approval	06/26/2025 by Scott Rukke

Inspection Summary

Inspection Scope and Summary

This inspection consisted of a review of Northwest Natural's operations and maintenance manual.

Facilities visited and Total AFOD

1 AFOD

Summary of Significant Findings

No findings

Primary Operator contacts and/or participants

Samantha Rookstool, Code Compliance Specialist

Ryan Truair, Sr. Manager of Compliance

Hanna Koonce, Code Compliance Specialist

Andy Fortier, Compliance Engineer

Operator executive contact and mailing address for any official correspondence

Joe Karney

VP, Engineering and Utility Operations

NW Natural

250 SW Taylor St.

Portland, OR 97204

Scope (Assets)

#	Short Name	Long Name	Asset Type	Asset IDs	Excluded Topics	Planned	Required	Inspected	Total	Required % Complete
1.	88965 (1,826)	Northwest Natural-HEADQUARTERS	unit	88965	Storage Fields Bottle/Pipe - Holders Vault Offshore GOM OCS Cast or Ductile Iron Copper Pipe Aluminum/Amphoteric	150	150	150	150	100.0%

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

Plans

#	Plan Assets	Focus Directives	Involved Groups/Subgroups	Qst Type(s)	Extent	Notes
1.	88965 (1,826)	--	PRO	P, R, O, S	Detail	--

Plan Implementations

#	Activity Name	SMART Act#	Start Date	End Date	Focus Directives	Involved Groups/Subgroups	Asset Types	Qst Type(s)	Planned	Required	Inspected	Total	Required % Complete
1	Procedures Questions	--	05/13/2025	05/15/2025	--	all planned questions	all assets	all types	150	150	150	150	100.0%

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

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

Forms

No.	Entity	Form Name	Status	Date Completed	Activity Name	Asset
1.	Attendance List	Procedures Questions	COMPLETED	05/13/2025	Procedures Questions	88965 (1,826)

Results (all values, 150 results)

151 (instead of 150) results are listed due to re-presentation of questions in more than one sub-group.

PRO.REPORT: Reporting

- 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 [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-002 Reporting Accidents and Incidents](#)

- 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-002, Reporting Accidents and Incidents

3. 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-002, Reporting Accidents and Incidents
4. 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-002, Reporting Accidents and Incidents
5. 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-002, Reporting Accidents and Incidents
6. 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-007, Regulatory Reporting, Filing, and Notification Requirements
7. Question Result, ID, References Sat, RPT.RR.SRCR.P, 192.605(a) (191.23(a), 191.23(b), 191.25(a), 191.25(c))
Question Text *Do the procedures require reporting of safety-related conditions?*
Assets Covered 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-005, Reporting Safety-Related Conditions
8. 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-005, Reporting Safety-Related Conditions
9. 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-007, Regulatory Reporting, Filing, and Notification Requirements
10. Question Result, ID, References Sat, 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-007, Regulatory Reporting, Filing, and Notification Requirements
11. 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 88965 (1,826)

Result Notes [NWN Standard Practices Manual, SPW-555, Uprating of MAOP](#)

12. 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 [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-007, Regulatory Reporting, Filing, and Notification Requirements](#)

13. 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 [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-007, Regulatory Reporting, Filing, and Notification Requirements](#)

14. Question Result, ID, References [Sat, RPT.RR.UTCANNUALREPORTS.P,](#)

Question Text *Do procedures require the operator to submit complete and accurate annuals reports and NPMS submissions to the commission by March 15th for the preceding calendar year?*

Assets Covered [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-003, Annual Reporting](#)

[NWN Standard Practices Manual, SPW-007, Regulatory Reporting, Filing, and Notification Requirements](#)

15. Question Result, ID, References [Sat, RPT.RR.PIPELINEMAPPING.P,](#)

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

Assets Covered [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-007, Regulatory Reporting, Filing, and Notification Requirements](#)

PRO.SUBACUSTEFV: Customer and EFV Installation Notification

16. 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 [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-482, Corrosion Control on Customer Owned Piping](#)

17. 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 [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-381, Excess Flow Valves](#)

PRO.SUBLNORMOPS: Normal Operating And Maintenance

18. 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 [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-000, Introduction](#)

19. 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 [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-607, Pipeline Records and Information](#)

20. 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 [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-303, Requirements for Shutdown, Startup, and Tie-in Procedures](#)

[NWN Standard Practices Manual, SPW-743, District and Primary Service Regulators](#)

21. 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 [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-801, Qualification of Pipeline Personnel](#)

22. 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 [88965 \(1,826\)](#)

Result Notes [FOM Safety](#)

[OP 501-02 Investigating Leaks and Odors by Contractor Leakage Surveyors](#)

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 [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-603, Odor Call Response](#)

[NWN Standard Practices Manual, SPW-709, Leak Classification and Repair](#)

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?*

Assets Covered [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-635, Line Lowering](#)

25. Question Result, ID, References [Sat, MO.RW.BUSINESSDIST.P, 192.723\(b\)\(1\) \(192.721\(b\)\(1\), 192.723\(a\), 192.613\)](#)

Question Text *Do the procedures define a "Business District"?*

Assets Covered [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-001, Definitions](#)

26. 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 [88965 \(1,826\)](#)

Result Notes [NWN's Field Operating Manual \(FOM\) contains all applicable procedures and is accessible to all field employees where work is being done.](#)

27. Question Result, ID, References [Sat, TQ.QUOMCONST.PLASTIC.P, 192.285\(a\) \(192.285\(d\), 192.805\(b\), 192.285\(c\)\)](#)

Question Text *Does the process require personnel making joints in plastic pipelines be qualified?*

Assets Covered [88965 \(1,826\)](#)

Result Notes [NWN Standard Practices Manual, SPW-250, Joining of Plastic Pipe and Fittings](#)

28. Question Result, ID, References **NA, AR.RCOM.PLASTICLEAKCLAMP.P, 192.720**
 Question Text *Does the operator's process ensure that mechanical leak clamps are not used as a permanent repair method for plastic pipe?*
 Assets Covered **88965 (1,826)**
 Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
29. Question Result, ID, References **Sat, DC.PLASTIC.PLASTICHANDLING.P, 192.69 (192.59, 192.63(e), 192.321(g))**
 Question Text *Does the operator have a written procedure for the storage and handling of plastic pipe and associated components?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-059, Storage of PE Pipe and Fittings**
30. Question Result, ID, References **Sat, MO.RW.LEAKRECORDS.P,**
 Question Text *Does the operator have procedures to prepare and maintain gas leak records containing all information required by WAC 480-93-178?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-709, Leak Classification and Repair**

PRO.SUBLCLASS: Change In Class Location

31. Question Result, ID, References **Sat, 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-627, MAOP for Transmission and Distribution Lines with MAOP >60 psig**
NWN Standard Practices Manual, SPW-703, Patrolling Transmission and Distribution Lines
NWN Standard Practices Manual, SPW-901, Transmission Integrity Management Program
32. Question Result, ID, References **Sat, 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-627, MAOP for Transmission and Distribution Lines with MAOP >60 psig**
NWN Standard Practices Manual, SPW-901, Transmission Integrity Management Program

PRO.SUBLSURVEIL: Continuing Surveillance

33. Question Result, ID, References **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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-613, Continuing Surveillance and Response to Unsatisfactory Conditions**
NWN Standard Practices Manual, SPW-703, Patrolling Transmission and Distribution Lines

NWN Standard Practices Manual, SPW-707, Leakage Survey Program

NWN Standard Practices Manual, SPW-709, Leak Classification and Repair

PRO.SUBLDAMAGEPREVENT: Damage Prevention Program

34. Question Result, ID, References **Sat, PD.DP.PDPROGRAM.P, 192.614(a)**
Question Text *Is a damage prevention program approved and in place?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-605, Excavation and Damage Prevention Program**

NWN Standard Practices Manual, SPW-619, Customer and Public Education
35. Question Result, ID, References **Sat, PD.DP.ONECALL.P, 192.614(b)**
Question Text *Does the process require participation in qualified one-call systems?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-605, Excavation and Damage Prevention Program**

Also located in the NWN PA plan
36. Question Result, ID, References **Sat, PD.DP.EXCAVATEMARK.P, 192.614(c)(5)**
Question Text *Does the process require marking proposed excavation sites to the Common Ground Alliance's (CGA) Best Practices or the use of more stringent and accurate requirements?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-605, Excavation and Damage Prevention Program**

Also located in the NWN PA plan
37. Question Result, ID, References **Sat, PD.DP.TPD.P, 192.614(c)(1)**
Question Text *Does the process specify how reports of Third-Party Activity and names of associated contractors or excavators are input back into the mail-outs and communications with excavators along the system?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-605, Excavation and Damage Prevention Program**

Also located in the NWN PA plan
38. Question Result, ID, References **Sat, PD.DP.TPDONECALL.P, 192.614(c)(3)**
Question Text *Does the process specify how reports of TPD are checked against One-Call tickets?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-605, Excavation and Damage Prevention Program**

Also located in the NWN PA plan

PRO.SUBLEMERGOPS: Emergency

39. 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 **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-615, Basic Emergency Plan**

NWN Emergency Response and Recovery Plan

40. Question Result, ID, References **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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-615, Basic Emergency Plan**

NWN Emergency Response and Recovery Plan
41. 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, operational failure (including Cyber-attacks), or a natural disaster?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-615, Basic Emergency Plan**

NWN Emergency Response and Recovery Plan
42. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-615, Basic Emergency Plan**

NWN Emergency Response and Recovery Plan
43. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-615, Basic Emergency Plan**

NWN Emergency Response and Recovery Plan
44. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-615, Basic Emergency Plan**

NWN Emergency Response and Recovery Plan
45. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-615, Basic Emergency Plan**

NWN Standard Practices Manual, SPW-709, Leak Classification

NWN Emergency Response and Recovery Plan
46. Question Result, ID, References **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 88965 (1,826)

Result Notes NWN Standard Practices Manual, SPW-615, Basic Emergency Plan

NWN Emergency Response and Recovery Plan, section 3.7.3.3.

47. Question Result, ID, References Sat, EP.ERG.NOTIFY911.P, 192.615(a) (192.615(a)(8), NTSB P-11-9)

Question Text *Does the emergency plan define the operator's designated person(s) (e.g., controller or other personnel) responsible to directly notify 911 or the phone number of appropriate local emergency officials to report emergencies and possible pipeline ruptures to first responder agencies/authorities?*

Assets Covered 88965 (1,826)

Result Notes All NWN staff are designees to contact 911 in an emergency. NWN GIS software IQGeo contains a layer showing the numbers for the three counties they operate for WA.

NWN Emergency Response and Recovery Plan has multiple procedures for when to call 911.

48. 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 88965 (1,826)

Result Notes NWN Emergency Response and Recovery Plan, 3.1 Response and Recovery Priorities

NWN Emergency Response and Recovery Plan, 3.9.1 Customer Service Restoration Following a Major Outage

49. Question Result, ID, References 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 88965 (1,826)

Result Notes NWN Emergency Response and Recovery Plan

NWN Standard Practices Manual, SPW-617, Investigation of Accidents, Incidents, and Material Failures

50. 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 88965 (1,826)

Result Notes NWN Emergency Response and Recovery Plan, 6.2 Training and Exercises

NWN Standard Practices Manual, SPW-615, Basic Emergency Plan

51. 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 88965 (1,826)

Result Notes NWN OQ Program, section 7.3 Emergencies

52. 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-2005-03)

Question Text *Does the process include steps for establishing and maintaining liaison with appropriate fire, police, other public officials, and 911 emergency call centers?*

Assets Covered 88965 (1,826)

Result Notes NWN Emergency Response and Recovery Plan, sections 3.1, 4.5.1.

NWN Standard Practices Manual, SPW-615, Basic Emergency Plan

NWN Standard Practices Manual, SPW-619, Customer and Public Education

NWN PA Plan, section 3.

PRO.SUBLPUBAWARE: Public Awareness Program

53. 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 **88965 (1,826)**
Result Notes **No such event occurred, or condition existed, in the scope of inspection review.**

PRO.SUBLFAILINV: Failure Investigation

54. 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 **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-617, Investigation of Accidents, Incidents, and Material Failures**

PRO.SUBLMAOP: MAOP

55. 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 **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-623, MAOP for Class A and B Distribution Systems**

NWN Standard Practices Manual, SPW-627, MAOP for Transmission and Distribution Lines with MAOP >60 psig
56. Question Result, ID, References **Sat, DC.PLASTIC.DESIGNPRESSPLASTIC.P, 192.121**
Question Text *Does the process require the design pressure for plastic pipe to be determined in accordance with §192.121?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig**
57. Question Result, ID, References **Sat, DC.PLASTIC.PLASTICSPECS.P, 192.53 (192.59)**
Question Text *Does the operator's specifications require plastic pipe to meet the requirements of §192.53, §192.59, and other applicable requirements of this sub-part?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig**
58. Question Result, ID, References **Sat, DC.PLASTIC.PLASTICFITTING.P, 192.143(c) (192.149(c))**
Question Text *Does the process require plastic components and fittings are able to withstand operating pressures and other anticipated loads in accordance with a listed specification?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig**

59. Question Result, ID, References **Sat, DC.MA.MARKING.P, 192.63**
Question Text *Does the operator's specifications require pipe, valves, and fittings to be marked according to the requirements of §192.63?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-063, Marking of Materials**

PRO.SUBLPRESSTEST: Pressure Test

60. Question Result, ID, References **Sat, AR.PTI.PRESSTESTACCEP.P, 192.503(a) (192.503(b), 192.503(c), 192.503(d), 192.503(e), 192.505(a), 192.505(b), 192.505(c), 192.505(d), 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 **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-504 for steel, SPW-511 for plastic.**
61. 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 **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-504, for steel. SPW-511, for plastic.**

NWN Standard Practices Manual, SPW-737, Instrument and Gauge Maintenance and Calibration
62. Question Result, ID, References **Sat, DC.PLASTIC.PRESSTESTPLASTIC.P, 192.513(a) (192.143(a), 192.121(a), 192.513(b), 192.513(c), 192.513(d), 192.143(b), 192.143(c), 192.121(b), 192.121(c), 192.121(d), 192.121(e), 192.121(f))**
Question Text *Does the process require that, as applicable to the project, sections of a plastic pipeline must be tested in accordance with the requirements of §192.513?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-511, Testing New Class B Pipelines**

PRO.SUBLODOR: Odorization Of Gas

63. Question Result, ID, References **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))**
Question Text *Does the process ensure appropriate odorant levels are contained in its combustible gases in accordance with 192.625?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-625, Gas Odorizing**

PRO.SUBLTAP: Tapping Pipelines Under Pressure

64. Question Result, ID, References **Sat, AR.RMP.HOTTAP.P, 192.605(b)(1) (192.627)**
Question Text *Is the process adequate for tapping pipelines under pressure?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-223, Field Welding and Inspection**

FOM Tapping procedures.
65. Question Result, ID, References **Sat, TQ.QU.HOTTAPQUAL.P, 192.627 (192.805(b))**
Question Text *Does the process require taps on a pipeline under pressure (hot taps) to be performed by qualified personnel?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-801, Qualification of Pipeline Personnel**

PRO.SUBLPURGE: Pipeline Purging

- 66. Question Result, ID, References [Sat, MO.GO.PURGE.P, 192.605\(b\)\(1\) \(192.629\(a\), 192.629\(b\)\)](#)
 Question Text *Does the process include requirements for purging of pipelines in accordance with 192.629?*
 Assets Covered [88965 \(1,826\)](#)
 Result Notes [NWN Standard Practices Manual, SPW-727, Abandonment or Deactivation of Gas Facilities](#)

PRO.SUBMLINEMARK: Line Marker

- 67. Question Result, ID, References [Sat, MO.RW.ROWMARKER.P, 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\)](#)
 Question Text *Does the process adequately cover the requirements for placement of ROW markers?*
 Assets Covered [88965 \(1,826\)](#)
 Result Notes [NWN Standard Practices Manual, SPW-705, Pipeline Markers](#)
- 68. Question Result, ID, References [Sat, MO.RW.MARKERSURVEY.P,](#)
 Question Text *Are procedures in place to survey pipeline markers at specified intervals?*
 Assets Covered [88965 \(1,826\)](#)
 Result Notes [NWN Standard Practices Manual, SPW-705, Pipeline Markers](#)
- 69. Question Result, ID, References [Sat, MO.RW.MARKERREPLACE.P,](#)
 Question Text *Does the manual include procedures to replace damaged or missing markers within 45 days?*
 Assets Covered [88965 \(1,826\)](#)
 Result Notes [NWN Standard Practices Manual, SPW-705, Pipeline Markers](#)

PRO.SUBMPATROLDIST: Distribution System Patrolling & Leakage Survey

- 70. 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 [88965 \(1,826\)](#)
 Result Notes [NWN Standard Practices Manual, SPW-703, Patrolling Transmission and Distribution Lines](#)
- 71. Question Result, ID, References [Sat, MO.RW.DISTLEAKAGE.P, 192.723\(a\) \(192.723\(b\)\)](#)
 Question Text *Does the process require distribution system leakage surveys to be conducted?*
 Assets Covered [88965 \(1,826\)](#)
 Result Notes [NWN Standard Practices Manual, SPW-703, Patrolling Transmission and Distribution Lines](#)

[NWN Standard Practices Manual, SPW-707, Leakage Survey Program](#)
- 72. Question Result, ID, References [Sat, MO.RW.CASINGLEAKSURVEY.P,](#)
 Question Text *Does the process require shorted casings be leak surveyed as required?*
 Assets Covered [88965 \(1,826\)](#)
 Result Notes [NWN Standard Practices Manual, SPW-707, Leakage Survey Program](#)
- 73. 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 [88965 \(1,826\)](#)
 Result Notes [NWN Standard Practices Manual, SPW-635, Line Lowering](#)

74. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-709, Leak Classification and Repair**
75. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-709, Leak Classification and Repair**
76. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-709, Leak Classification and Repair**

PRO.SUBMPATROLEAK: Transmission System Patrolling & Leakage Survey

77. Question Result, ID, References **Sat, 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-703, Patrolling Transmission and Distribution Lines**
78. Question Result, ID, References **Sat, 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-703, Patrolling Transmission and Distribution Lines**

PRO.SUBMSVCREINSTATE: Test Requirements For Reinstating Service Lines

79. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-725, Test Requirements for Service Reinstatement**

PRO.SUBMABANDON: Abandonment Or Deactivation Of Facilities

80. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-727, Abandonment or Deactivation of Gas Facilities**

PRO.SUBMOVERPRESS: Pressure Limiting And Regulating Station

81. 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 procedures for inspecting and testing each pressure limiting station, relief device, and pressure regulating station and their equipment?*
 Assets Covered **88965 (1,826)**

Result Notes [NWN Standard Practices Manual, SPW-743, District and Primary Service Regulators](#)

82. 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 [88965 \(1,826\)](#)
Result Notes [NWN Standard Practices Manual, SPW-741, Pressure Telemetry and Recording Pressure Gauges \(Chart Recorders\)](#)
83. 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 procedures for ensuring that the capacity of each pressure relief device at pressure limiting stations and pressure regulating stations is sufficient?*
Assets Covered [88965 \(1,826\)](#)
Result Notes [NWN Standard Practices Manual, SPW-743, District and Primary Service Regulators](#)
84. Question Result, ID, References [Sat, 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 [88965 \(1,826\)](#)
Result Notes [NWN Standard Practices Manual, SPW-743, District and Primary Service Regulators](#)
85. Question Result, ID, References [Sat, DC.DPCOPP.OVERPRESSURE.P, 192.303 \(192.143\(b\), 192.195\(a\), 192.199, 192.201\(a\), 192.201\(b\), 192.201\(c\), 192.143\(a\)\)](#)
Question Text *Does the process require the pipeline have pressure relieving or pressure limiting devices that are required of 192.195(a), and that they meet the requirements of 192.199 and 192.201?*
Assets Covered [88965 \(1,826\)](#)
Result Notes [NWN Standard Practices Manual, SPW-743, District and Primary Service Regulators](#)
86. 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 [88965 \(1,826\)](#)
Result Notes [NWN Standard Practices Manual, SPW-373, Service Regulators](#)

[NWN Standard Practices Manual, SPW-743, District and Primary Service Regulators](#)

PRO.SUBMVALVE: Valve And Vault Maintenance

87. 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 [88965 \(1,826\)](#)
Result Notes [NWN Standard Practices Manual, SPW-405, Valves for Transmission and Distribution Lines](#)

PRO.SUBMIGNITE: Prevention Of Accidental Ignition

88. 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 [88965 \(1,826\)](#)
Result Notes [NWN Standard Practices Manual, SPW-751, Preventing Accidental Ignition](#)

PRO.SUBEWELD: Welding And Weld Defect Repair/removal

89. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-221, General Welding and Welding Qualification Tests**
90. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-221, General Welding and Welding Qualification Tests**
91. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-221, General Welding and Welding Qualification Tests**
92. 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 and welding operators in accordance with 192.229?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-221, General Welding and Welding Qualification Tests**

NWN Standard Practices Manual, SPW-223, Field Welding and Inspection
93. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-223, Field Welding and Inspection**
94. 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 as required by 192.233?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-223, Field Welding and Inspection**
95. Question Result, ID, References **Sat, DC.WELDPROCEDURE.ESSENTIAL.P,**
 Question Text *Does the process require documenting essential variables when qualifying welders and weld procedures?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-221, General Welding and Welding Qualification Tests**
96. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-223, Field Welding and Inspection**
97. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-223, Field Welding and Inspection**

98. Question Result, ID, References Sat, DC.WELDINS.P.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 88965 (1,826)
 Result Notes NWN Standard Practices Manual, SPW-225, Field Repair of Welds, Imperfections, and Damages – Steel Pipe, Distribution Lines with MAOP less than or equal to 60 psig
 NWN Standard Practices Manual, SPW-226, Field Repair of Welds, Imperfections, and Damages – Steel Pipe, Distribution and Transmission Lines with MAOP >60 psig, <40% SMYS

PRO.SUBENDT: Nondestructive Testing

99. Question Result, ID, References Sat, DC.WELDINS.P.WELDNDT.P, 192.243(a) (192.243(b), 192.243(c), 192.243(d), 192.243(e))
 Question Text *Is there a process for welds nondestructive testing and interpretation in accordance with 192.243?*
 Assets Covered 88965 (1,826)
 Result Notes NWN Standard Practices Manual, SPW-223, Field Welding and Inspection

PRO.SUBEJOIN: Joining Of Pipeline Materials

100. Question Result, ID, References Sat, DC.CO.CLEARANCE.P, 192.303 (192.325(b), 192.325(c))
 Question Text *Does the process require pipe to be installed with clearances specified in 192.325 and (if plastic) installed as to prevent heat damage to the pipe?*
 Assets Covered 88965 (1,826)
 Result Notes NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig
101. Question Result, ID, References Sat, DC.PLASTIC.PLASTICJOINT.P, 192.273(b) (192.281(a), 192.281(b), 192.281(c), 192.281(d), 192.281(e), 192.303)
 Question Text *Does the process require plastic pipe joints to be designed and installed in accordance with 192.281?*
 Assets Covered 88965 (1,826)
 Result Notes NWN Standard Practices Manual, SPW-250, Joining of Plastic Pipe and Fittings
102. Question Result, ID, References Sat, DC.CO.NONWELDJOINT.P, 192.303 (192.273)
 Question Text *Does the process require that pipeline joints (to be made other than by welding) be designed and installed in accordance with 192.273?*
 Assets Covered 88965 (1,826)
 Result Notes NWN Standard Practices Manual, SPW-250, Joining of Plastic Pipe and Fittings
103. Question Result, ID, References Sat, DC.PLASTIC.PLASTICJOINTPROCEDURE.P, 192.273(b) (192.283(a), 192.283(b), 192.283(c))
 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 88965 (1,826)
 Result Notes NWN Standard Practices Manual, SPW-250, Joining of Plastic Pipe and Fittings
104. Question Result, ID, References Sat, DC.PLASTIC.PLASTICJOINTQUAL.P, 192.285(d) (192.285(a), 192.285(b), 192.285(c), 192.285(e), 192.805)
 Question Text *Is a process in place to ensure that personnel making joints in plastic pipelines are qualified?*
 Assets Covered 88965 (1,826)
 Result Notes NWN Standard Practices Manual, SPW-250, Joining of Plastic Pipe and Fittings
105. Question Result, ID, References Sat, DC.PLASTIC.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 88965 (1,826)
 Result Notes NWN Standard Practices Manual, SPW-250, Joining of Plastic Pipe and Fittings

106. Question Result, ID, References **Sat, TQ.QUOMCONST.PLASTICINSPECT.P, 192.287 (192.805(b))**
 Question Text *Does the process require that persons who inspect joints in plastic pipes be qualified?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-250, Joining of Plastic Pipe and Fittings**

NWN OQ Program
107. 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-059, Storage and Handling of PE Pipe**
108. Question Result, ID, References **Sat, DC.PLASTIC.INSTALLPLASTIC.P, 192.303 (192.321(a), 192.321(b), 192.321(c), 192.321(d), 192.321(e), 192.321(f), 192.321(g), 192.321(h), 192.321(i))**
 Question Text *Does the operator's process require that plastic pipe be installed as required by §192.321?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig**

FOM, Installation of PE Pipe.
109. Question Result, ID, References **Sat, DC.PLASTIC.BENDPLASTIC.P, 192.313(d) (192.605)**
 Question Text *Does the operator's process ensure that the bend radius of plastic pipe does not exceed the minimum bend radius specified by the manufacture for the diameter being installed?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig**

FOM, Guidelines for Bending PE Pipe
110. Question Result, ID, References **Sat, DC.PLASTIC.PLASTICTRENCHLESS.P, 192.329(a) (192.303)**
 Question Text *For plastic pipe Transmission and Main pipelines installed by trenchless excavation, does the process include steps that need to be taken to provide sufficient clearance for installation and maintenance activities from other underground utilities and/or structures at the time of installation?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig**

FOM Verifying Installations for Depth and Separation Standards
111. Question Result, ID, References **Sat, DC.PLASTIC.PLASTICSERVICE.P, 192.376(a) (192.303)**
 Question Text *For plastic service lines installed by trenchless excavation, does the process include steps that need to be taken to provide sufficient clearance for installation and maintenance activities from other underground utilities and/or structures at the time of installation?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig**

FOM Verifying Installations for Depth and Separation Standards
112. 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 **88965 (1,826)**

Result Notes **NWN Standard Practices Manual, SPW-150, Design and Construction Requirements for Transmission and High-Pressure Distribution Pipelines with MAOP >60 psig**

NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig

FOM Verifying Installations for Depth and Separation Standards

113. 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 **88965 (1,826)**

Result Notes **NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig**

114. Question Result, ID, References **Sat, DC.PLASTIC.PLASTICWEAKLINK.P, 192.329(b) (192.376(b), 192.303)**

Question Text *Does the process require that during installation of plastic lines and plastic service lines, a "weak link" (as defined by §192.3) is utilized to ensure the pipeline will not be damaged by any excessive forces during the pulling process?*

Assets Covered **88965 (1,826)**

Result Notes **NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig**

115. 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 **88965 (1,826)**

Result Notes **NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig**

116. Question Result, ID, References **Sat, DC.PLASTIC.REPAIRPLASTIC.P, 192.303 (192.311)**

Question Text *Does the process require imperfections or damage of plastic pipe to be repaired or removed?*

Assets Covered **88965 (1,826)**

Result Notes **NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig**

117. Question Result, ID, References **Sat, MO.GM.EQUIPPLASTICJOINT.P, 192.605(b)(1) (192.756)**

Question Text *Does the process require maintaining equipment used in joining of plastic pipe using heat fusion in accordance with the manufacturer's recommended practices or with written procedures that have been proven by test and experience to produce acceptable joints?*

Assets Covered **88965 (1,826)**

Result Notes **NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig**

FOM Guidelines for Maintaining Number 14 Butt Fusion Machines

FOM Guidelines for Maintaining Number 28 Butt Fusion Machines

118. 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 **88965 (1,826)**

Result Notes **NWN Standard Practices Manual, SPW-160, Design and Construction Requirements for Distribution Mains and Service Lines with MAOP ≤ 60 psig**

PRO.SUBICORROSION: Corrosion Control

119. Question Result, ID, References **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))**
 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-455, Corrosion Control**
NWN Standard Practices Manual, SPW-480, Atmospheric Corrosion Control
120. Question Result, ID, References **Sat, TQ.QU.CORROSION.P, 192.453 (192.805(b))**
 Question Text *Does the process require corrosion control procedures to be carried out by, or under the direction of, qualified personnel?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-455, Corrosion Control**
121. Question Result, ID, References **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))**
 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-455, Corrosion Control**
122. Question Result, ID, References **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), 192.455(f), 192.455(g))**
 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 **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-455, Corrosion Control**
123. Question Result, ID, References **Sat, TD.CP.PRE1971.P, 192.605(b)(2) (192.457(b))**
 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, or 3) bare or coated distribution lines, must be cathodically protected in areas where active corrosion is found?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-455, Corrosion Control**
124. Question Result, ID, References **Sat, TD.CPEXPOSED.EXPOSEINSPECT.P, 192.605(b)(2) (192.459)**
 Question Text *Does the process require that exposed portions of buried pipeline must be examined for external corrosion?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-459, Inspection of Exposed Pipe and Exposed Pipe Surfaces**
125. Question Result, ID, References **Sat, TD.COAT.NEWPIPEINSTALL.P, 192.605(b)(2) (192.461(c), 192.461(d), 192.461(e), 192.483(a))**
 Question Text *Does the process give adequate guidance for the application and inspection of protective coatings on pipe?*
 Assets Covered **88965 (1,826)**
 Result Notes **NWN Standard Practices Manual, SPW-455, Corrosion Control**
NWN Standard Practices Manual, SPW-459, Inspection of Exposed Pipe and Exposed Pipe Surfaces
126. Question Result, ID, References **Sat, TD.CP.MONITOR.MONITORCRITERIA.P, 192.605(b)(2) (192.463(a), 192.463(c))**
 Question Text *Does the process require CP monitoring criteria to be used that is acceptable?*
 Assets Covered **88965 (1,826)**

Result Notes **NWN Standard Practices Manual, SPW-463, Cathodic Protection Systems**

127. 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 **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-465, Corrosion Control Monitoring**
128. 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 **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-465, Corrosion Control Monitoring**
129. 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 **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-465, Corrosion Control Monitoring**
130. 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 **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-483, Corrosion Control Remedial Action**
131. 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 **88965 (1,826)**
Result Notes **No such relevant facilities/equipment existed in the scope of inspection review.**
132. 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 **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-467, External Corrosion Control: Electrical Isolation**
133. 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 **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-467, External Corrosion Control: Electrical Isolation**
134. Question Result, ID, References **Sat, TD.CP.CASINGINSPECT.P,**
Question Text *Does the process give sufficient direction for conducting annual casing inspections to ensure electrical isolation from the pipeline?*
Assets Covered **88965 (1,826)**
Result Notes **NWN Standard Practices Manual, SPW-467, External Corrosion Control: Electrical Isolation**
135. 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-467, External Corrosion Control: Electrical Isolation

136. Question Result, ID, References Sat, TD.CP.ELECISOLATETEST.P, 192.605(b)(2) (192.467(d))

Question Text *Does the process provide adequate guidance to inspect and electrically test to ensure that electrical isolation is adequate?*

Assets Covered 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-467, External Corrosion Control: Electrical Isolation

137. 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-469, Cathodic Protection Test Stations and Test Leads

138. Question Result, ID, References Sat, TD.CP.MONITOR.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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-469, Cathodic Protection Test Stations and Test Leads

139. Question Result, ID, References Sat, TD.CP.MONITOR.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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-455, Corrosion Control Requirements

NWN Standard Practices Manual, SPW-469, Cathodic Protection Test Stations and Test Leads

140. Question Result, ID, References Sat, 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-459, Inspection of Exposed Pipe and Internal Pipe Surfaces

141. Question Result, ID, References Sat, 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-459, Inspection of Exposed Pipe and Internal Pipe Surfaces

142. Question Result, ID, References Sat, 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-459, Inspection of Exposed Pipe and Internal Pipe Surfaces

143. 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 88965 (1,826)
Result Notes NWN Standard Practices Manual, SPW-480, Atmospheric Corrosion Control

144. Question Result, ID, References Sat, TD.ATM.ATMCORRODEINS.P, 192.605(b)(2) (192.481(a), 192.481(b), 192.481(c), 192.481(d))

Question Text *Does the process give adequate instruction for the inspection of aboveground pipeline segments, including inside meter and pressure regulator installations, for atmospheric corrosion?*

Assets Covered 88965 (1,826)

Result Notes NWN Standard Practices Manual, SPW-480, Atmospheric Corrosion Control

145. Question Result, ID, References Sat, TD.CPEXPOSED.EXTCORRODEEVAL.P, 192.605(b)(2) (192.487, 192.489)

Question Text *Does the process provide sufficient direction for personnel to evaluate the remaining strength of externally corroded pipe?*

Assets Covered 88965 (1,826)

Result Notes NWN Standard Practices Manual, SPW-459, Inspection of Exposed Pipe and Internal Pipe Surfaces

146. Question Result, ID, References Sat, TD.CPEXPOSED.EXTCORRODREPAIR.P, 192.605(b)(2) (192.487, 192.489)

Question Text *Does the process give sufficient guidance for personnel to repair or replace pipe that is externally corroded to an extent that there is not sufficient remaining strength in the pipe wall?*

Assets Covered 88965 (1,826)

Result Notes NWN Standard Practices Manual, SPW-483, Corrosion Control Remedial Action

147. Question Result, ID, References Sat, TD.ICP.EVALUATE.P, 192.605(b)(2) (192.487)

Question Text *Does the process give sufficient guidance for personnel to evaluate the remaining strength of pipe that has been internally corroded?*

Assets Covered 88965 (1,826)

Result Notes NWN Standard Practices Manual, SPW-459, Inspection of Exposed Pipe and Internal Pipe Surfaces

148. Question Result, ID, References Sat, TD.ICP.REPAIRINT.P, 192.605(b)(2) (192.487(a), 192.487(b), 192.489(a), 192.489(b), 192.491(c))

Question Text *Does the process give sufficient guidance for personnel to repair or replace pipe that has internally corroded to an extent that there is no longer sufficient remaining strength in the pipe wall?*

Assets Covered 88965 (1,826)

Result Notes NWN Standard Practices Manual, SPW-483, Corrosion Control Remedial Action

149. Question Result, ID, References Sat, AR.RCOM.REPAIR.P, 192.605(b)(2) (192.487(a), 192.487(b), 192.489(a), 192.489(b), 192.491(c))

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 88965 (1,826)

Result Notes NWN Standard Practices Manual, SPW-483, Corrosion Control Remedial Action

150. 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 88965 (1,826)

Result Notes NWN Standard Practices Manual, SPW-459, Inspection of Exposed Pipe and Internal Pipe Surfaces

NWN Standard Practices Manual, SPW-465, External Corrosion Control Monitoring

MISCTOPICS.PUBAWARE: Public Awareness Program Effectiveness

151. 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 88965 (1,826)

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

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

FORM V Gas OM/Procedures 9027

UTC O&M/Procedures Inspection Report
 Intrastate GAS
 FORM V Gas OM/Procedures: State-Specific Requirements

**** THIS FORM IS REQUIRED FOR USE FOR ALL INTRASTATE GAS OPERATORS. USE IN CONJUNCTION WITH THE "BASELINE PROCEDURES" MODULE IN THE MOST CURRENT WA-SPECIFIC GD QUESTION SET**

Inspector and Operator Information

Inspection ID	Inspection Link	Inspector - Lead	Inspector - Assist
9027	9027	Anderson, Scott	Barrett, Emma
Operator	Unit	Records Location - City & State	
Northwest Natural	HQ	Portland, OR	
Inspection Start Date	Inspection Exit Interview Date	Engineer Submit Date	
05-13-2025	05-13-2025		

You must include the following in your inspection summary:

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

Inspection Scope and Summary

This inspection consisted of a review of Northwest Natural's operations and maintenance manual.

Facilities visited and Total AFOD

1 AFOD

Summary of Significant Findings

No findings

Primary Operator contacts and/or participants

Samantha Rookstool, Code Compliance Specialist

Ryan Truair, Sr. Manager of Compliance

Hanna Koonce, Code Compliance Specialist

Andy Fortier, Compliance Engineer

Operator executive contact and mailing address for any official correspondence

Joe Karney

VP, Engineering and Utility Operations

NW Natural

250 SW Taylor St.

Portland, OR 97204

Instructions and Ratings Definitions

INSTRUCTIONS

S - Satisfactory

U - Unsatisfactory

INSPECTION RESULTS

Satisfactory Responses

10

Unsatisfactory Responses

0

Satisfactory List

1,2,3,4,5,6,7,8,9,10,

Unsatisfactory List

Unanswered Questions

1

Unanswered Questions List

11,

Area Of Concern

Area of Concern Responses

Area of Concern List

0

N/A- Not Applicable (does not apply to this operator or system)

Not Applicable Responses

Not Applicable List

0

N/C - Not Checked/Evaluated (was not inspected during this inspection)

Not Checked / Evaluated Responses

Not Checked / Evaluated List

0

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

▼ **INTRASTATE GAS OPERATOR PROCEDURES**

▼ **MAPPING PROCEDURES**

Question 1

Do procedures require accurate maps (or updates) of pipelines operating over 250PSIG to specifications developed by the commission and sufficient to meet the needs of first responders?

Q1 Reference
RCW 81.88.080

Q1 Result
Satisfactory

Q1 Notes

NWN Standard Practices, SPW-007, Regulatory Reporting, Filing, and Notification Requirements
Not a transmission inspection

Question 2

Do procedures require that NPMS submissions are updated every 12 months if system modifications (excludes distribution lines and gathering lines) occurred, and if no modifications occurred an email to that effect was submitted to NPMS?

Q2 Reference
PHMSA ADB 08-07

Q2 Result
Satisfactory

Q2 Notes

NWN Standard Practices, SPW-007, Regulatory Reporting, Filing, and Notification Requirements
Not a transmission inspection

▼ **REPORTING PROCEDURES**

Question 3

Do procedures require that the operator file with the commission, not later than March 15 of each year, applicable to the preceding calendar year: copy of every Pipeline and Hazardous Materials Safety Administration (PHMSA) F-7100.1-1 and F-7100.2-1 annual report required by U.S. Department of Transportation, Office of Pipeline Safety

Q3 Reference
WAC 480-93-200(10)

Q3 Result
Satisfactory

Q3 Notes

NWN Standard Practices, SPW-003, Annual Reports – Distribution and Transmission Systems

▼ **DAMAGE PREVENTION PROCEDURES**

Question 4

Do procedures include the use of a quality assurance program for monitoring the locating and marking of facilities? Does the procedure require regular field audits of the performance of locators/contractors and implementing appropriate corrective action

when necessary?

Q4 Reference

PHMSA State Program Question

Q4 Result

Satisfactory

Q4 Notes

NWN Standard Practices, SPW-605, Excavation Damage Prevention Program

Question 5

Do procedures outline a process by which locator and excavator personnel are properly qualified in accordance with the operator's OQ plan and with state OQ requirements?

Q5 Reference

WAC 480-93-013

Q5 Result

Satisfactory

Q5 Notes

NWN Standard Practices, SPW-801, Qualification of Pipeline Personnel

FOM OP 137-02 Locating Facilities

Question 6

Does the operator have sufficiently detailed directional drilling/boring procedures which include taking actions necessary to protect their facilities from dangers posed by drilling/other trenchless technologies?

Q6 Reference

PHMSA State Programs Emphasis

Q6 Result

Satisfactory

Q6 Notes

NWN Standard Practices, SPW-455, Corrosion Control Requirements

NWN Standard Practices, SPW-469, Cathodic Protection Test Stations and Test Leads

Question 7

Does the operator have a sufficiently detailed procedure to review records of accidents and failures caused by excavation damage to ensure the causes of those failures are addressed to minimize the possibility of reoccurrence?

Q7 Reference

PHMSA State Programs Emphasis

Q7 Result

Satisfactory

Q7 Notes

NWN Standard Practices, SPW-605, Excavation Damage Prevention Program

DESIGN/CONSTRUCTION PROCEDURES

Question 8

Does the operator have sufficiently detailed procedures to ensure protection of plastic pipe in accordance with WAC 480-93-178?

Q24 Reference

WAC 480-93-178

Q8 Result

Satisfactory

Q8 Notes

NWN Standard Practices, SPW-059, Storage and Handling of Polyethylene Pipe and Fittings

CORROSION CONTROL PROCEDURES

OPERATIONS & MAINTENANCE PROCEDURES

Question 9

Do the operator's procedures contain sufficient detail to comply with the required entries for all gas leak records according to the criteria outlined in WAC 480-93-187(1-13)?

Q9 Reference
WAC 480-93-187

Q9 Result
Satisfactory

Q9 Notes
NWN Standard Practices, SPW-707, Leakage Survey Program

Question 10

Does the operator's OQ plan/procedure identify "New Construction" activities as covered tasks in accordance with WAC 480-93-013?

Q10 Reference
WAC 480-93-013

Q10 Result
Satisfactory

Q10 Notes
NWN Standard Practices, SPW-801, Qualification of Pipeline Personnel

▾ **PROCEDURES: SUMMARY OF REQUIRED COMMENTS**

PROCEDURE REVIEW SUMMARY: Comments are required for any rating other than "Satisfactory". Summarize the "Notes" blocks above, and ensure you annotate the question number for each comment.

▾ **ADDITIONAL HEADER TEMPLATE**

Question 11
Template for additional questions

Q11 Reference
WAC 480-75-330

Q11 Result

Q11 Notes

Comments Template for additional comment boxes
