

Utilities and Transportation Commission
Standard Inspection Report for Intrastate Gas Distribution Systems
Records Review and Field Inspection

S – Satisfactory U – Unsatisfactory N/A – Not Applicable N/C – Not Checked
 If an item is marked U, N/A, or N/C, an explanation must be included in this report.

Inspection Report			
Inspection ID	8056		
Inspector Name & Submit Date	Scott Rukke 08/17/2020		
Chief Eng Name & Review/Date	Joe Subsits. 8/19/2020		
Operator Information			
Name of Operator:	Northwest Natural Gas Co	OP ID #:	13840
Records Location:	Portland Oregon. Records were reviewed through MS Teams due to Covid-19		
Inspection Date:	This inspection was started July 20, 2020 and the final field day was Aug 12, 2020.		

Review Summary: The Columbia Gorge district is based out of The Dalles OR. It runs parallel to the Columbia River between North Bonneville and Goldendale and consists of several small systems all tapped off Williams Pipeline West. This inspection was conducted electronically through MS Teams due to Covid-19 concerns. All records were reviewed electronically. Field work was conducted with NWN employees the week of August 10th. All appropriate PPE including masks were worn around other employees. There were no issues noted during the record or field portion of the inspection. Operations, maintenance and emergency response records were reviewed electronically. In addition a short form drug and alcohol form was completed after the field work. During the field work inspection portion we tested various regulator and relief valve operations, cathodic protection test sites and rectifiers, emergency valve operation and orozozation sampling. Amm employees were cognizant of the AOC's and their OQ records were verified.
 There were no issues noted during this inspection.

A completed **Standard Inspection Checklist and Cover Letter/Field Report** are to be submitted to the Chief Engineer within **30 days** from completion of the inspection.

REPORTING RECORDS			S	U	N/A	N/C
1.	RCW 81.88.080	Pipeline Mapping System: Has the operator provided accurate maps (or updates) of pipelines, operating over two hundred fifty pounds per square inch gauge, to specifications developed by the commission sufficient to meet the needs of first responders? Reviewed during the recent Transmission inspection.	X			
2.	480-93-180(1)	Does the operator have a procedure for leaks caused by excavation damage near buildings and determine whether the procedures adequately address the possibility of multiple leaks and underground migration of gas into nearby buildings. Reviewed during the recent Transmission inspection.	X			
3.	Damage Prevention (Operator Internal Performance Measures) PHMSA – State Program Evaluation Questions	Does the operator have a quality assurance program in place for monitoring the locating and marking of facilities? Do operators conduct regular field audits of the performance of locators/contractors and take action when necessary? (CGA Best Practices v. 6.0, Best Practice 4-18. Recommended only, not required) Reviewed during the recent Transmission inspection.	X			
4.		Does operator including performance measures in facility locating services contracts with corresponding and meaningful incentives and penalties? Reviewed during the recent Transmission inspection.	X			
5.		Do locate contractors address performance problems for persons performing locating services through mechanisms such as re-training, process change, or changes in staffing levels? Reviewed during the recent Transmission inspection.	X			
6.		Does the operator periodically review the Operator Qualification plan criteria and methods used to qualify personnel to perform locates? Reviewed during the recent Transmission inspection.	X			
7.		Review operator locating and excavation <u>procedures</u> for compliance with state law and regulations. Reviewed during the recent Transmission inspection.	X			
8.		Are locates are made within the timeframes required by state law and regulations? Examine record sample. Reviewed a sampling of locate requests and all were good.	X			

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REPORTING RECORDS			S	U	N/A	N/C
9.		Are locating and excavating personnel properly <u>qualified</u> in accordance with the operator's Operator Qualification plan and with federal and state requirements? Reviewed a sampling and all were good.	X			
10.		Is the operator appropriately addressing discovered mapping errors resulting in excavation damage? Yes. Mapping corrections were noted and a sampling of records and changes reviewed. There were errors in both size and material where corrections were made.	X			
11.		Are mapping corrections timely and according to written procedures? YES	X			
12.	480-93-200(10)	Annual Reports filed with the commission no later than March 15 for the proceeding calendar year				
13.	480-93-200(13)	Did the operator submit a copy of DOT Drug and Alcohol Testing MIS Data Collection Form when required? Yes.	X			

Comments:

No issues noted. Many of these questions were recently asked during the Transmission portion of the NWN inspection conducted earlier this year.

CONSTRUCTION RECORDS			S	U	N/A	N/C
14.	480-93-160(1)	Report filed 45 days prior to construction or replacement of transmission pipelines ≥ 100 feet in length. This is a distribution inspection.			X	
15.	480-93-160(2)	Did the 45 day construction report describe the proposed route and pipeline specifications? This is a distribution inspection.			X	
16.	480-93-160(2)(a)	Did the 45 day construction report provide a description and purpose of the proposed pipeline; This is a distribution inspection.			X	
17.	480-93-160(2)(b)	Did the 45 day construction report include a route map showing the type of construction to be used throughout the length of the line, and delineation of class location as defined in 49 CFR Part 192.5, and incorporated boundaries along the route. This is a distribution inspection.			X	
18.	480-93-160(2)(c)	Did the 45 day construction report show the location and specification of principal valves, regulators, and other auxiliary equipment to be installed as a part of the pipeline system to be constructed. This is a distribution inspection.			X	
19.	480-93-160(2)(d)	Did the 45 day construction report identify the MAOP for the gas pipeline being constructed; This is a distribution inspection.			X	
20.	480-93-160(2)(e)	Did the 45 day construction report identify the location and construction details of all river crossings or other unusual construction requirements encountered en route. This is a distribution inspection.			X	
21.	480-93-160(2)(f)	Did the 45 day construction report identify the proposed corrosion control program to be followed including specification for coating and wrapping, and method to ensure the integrity of the coating using holiday detection equipment; This is a distribution inspection.			X	
22.	480-93-160(2)(g)	Did the 45 day construction report show welding specifications; and This is a distribution inspection.			X	
23.	480-93-160(2)(h)	Did the 45 day construction report show bending procedures to be followed if needed. This is a distribution inspection.			X	
	480-93-110(5)(d)	Shorted conditions leak surveyed within 90 days of discovery. Twice annually/7.5 months. No shorted casings.			X	
24.	480-93-180(1)	remedial measures (cast iron and ductile iron pipelines) .489 There is no cast or ductile iron in WA State.			X	

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Comments:						
PIPELINE INSPECTION (Field)			S	U	N/A	N/C
25.	480-93-080(1)(e)	Welding procedures located on site where welding is performed? Procedures are available electronically on employee laptops which are on each truck.	X			
26.	480-93-080(1)(c)	Use of testing equipment to record and document essential variables Yes. Observed in the field and on records.	X			
27.	What was the exit interview date? 8/17/2020					
Comments:						