Notice: This report is required by 49 CFR Part 191. Failure to report may result in a civil penalty not to exceed \$100,000 for each violation for each day the violation continues up to a maximum of \$1,000,000 as provided in 49 USC 60122.

Form Approved OMB No. 2137-0522 Expires: 1/31/2023



U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration

ANNUAL REPORT FOR CALENDAR YEAR 2017 NATURAL OR OTHER GAS TRANSMISSION and GATHERING SYSTEMS

Initial Date Submitted	03/13/2018
Report Submission Type	INITIAL
Date Submitted	

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a current valid OMB Control Number. The OMB Control Number for this information collection is 2137-0522. Public reporting for this collection of information is estimated to be approximately 42 hours per response, including the time for reviewing instructions, gathering the data needed, and completing and reviewing the collection of information. All responses to this collection of information are mandatory. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, PHMSA, Office of Pipeline Safety (PHP-30) 1200 New Jersey Avenue, SE, Washington, D.C. 20590.

Important: Please read the separate instructions for completing this form before you begin. They clarify the information requested and provide specific examples. If you do not have a copy of the instructions, you can obtain one from the PHMSA Pipeline Safety Community Web Page at http://www.phmsa.dot.gov/pipeline/library/forms.

PART A - OPERATOR INFORMATION	DOT USE ONLY	20187174 - 34393
1. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID)	2. NAME OF OPERA	
32549		
3. RESERVED	4. HEADQUARTERS	ADDRESS:
	220 NW SECOND AV Street Address	/E., SUITE 920
	PORTLAND City	
	State: OR Zip Code: §	07209
5. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY Gand complete the report for that Commodity Group. File a separate re		
Natural Gas		
6. RESERVED		
7. FOR THE DESIGNATED "COMMODITY GROUP", THE PIPELINE (Select one or both)	ES AND/OR PIPELINE	FACILITIES INCLUDED WITHIN THIS OPID ARE:
INTERstate pipeline – List all of the States pipelines and/or pipeline facilities included		

8. RESERVED

INTRAstate pipeline – List all of the States in which INTRAstate pipelines and or pipeline

facilities included under this OPID exist. CALIFORNIA etc.

For the designated Commodity Group, PARTs B and D will be calculated based on the data entered in Parts L and P respectively. Complete Part C one time for all pipelines and/or pipeline facilities – both INTERstate and INTRAstate - included within this OPID.

PART B – TRANSMISSION PIPELINE HCA MILES						
Number of HCA Miles						
Onshore	0.83					
Offshore	0					
Total Miles	0.83					

PART C - VOLUME TRANSPORTED IN TRANSPIPELINES (ONLY) IN MILLION SCF PER YEAR (excludesTransmission lines of Gas Distribution)	AR.	Check this box and do not complete PART C if this report only includes gathering pipelines or transmission lines of gas distribution systems.				
		Onshore	Offshore			
Natural Gas		9898.977				
Propane Gas						
Synthetic Gas						
Hydrogen Gas						
Landfill Gas						
Other Gas - Name:						

PART D - MILES OF STEEL PIPE BY CORROSION PROTECTION											
		athodically tected	Steel Cat unpro	hodically tected							
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite ¹	Other	Total Miles	
Transmission											
Onshore	0	31.9	0	0	0	0	0	0	0	31.9	
Offshore	0	0	0	0	0	0	0	0	0	0	
Subtotal Transmission	0	31.9	0	0	0	0	0	0	0	31.9	
Gathering											
Onshore Type A	0	0	0	0	0	0	0	0	0	0	
Onshore Type B	0	0	0	0	0	0	0	0	0	0	
Offshore	0	0	0	0	0	0	0	0	0	0	
Subtotal Gathering	0	0	0	0	0	0	0	0	0	0	
Total Miles	0	31.9	0	0	0	0	0	0	0	31.9	

¹Use of Composite pipe requires a PHMSA Special Permit or waiver from a State

PART F - RESERV	ED

For the designated Commodity Group, complete PARTs F and G one time for all INTERstate pipeline facilities included within this OPID and multiple times as needed for the designated Commodity Group for each State in which INTRAstate pipeline facilities included within this OPID exist. Part F "WITHIN AN HCA SEGMENT" data and Part G may be completed only if HCA Miles in Part L is greater than zero.

PARTs F and G							
The data re	eported in these PARTs applies to: (select only one)						
	Interstate pipelines/pipeline facilities						
	Intrastate pipelines/pipeline facilities in the State of CALIFORNIA (complete for each State)						

PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION	
1. MILEAGE INSPECTED IN CALENDAR YEAR USING THE FOLLOWING IN-LINE INSPECTION (ILI) TOOLS	
a. Corrosion or metal loss tools	26.78
b. Dent or deformation tools	0
c. Crack or long seam defect detection tools	0
d. Any other internal inspection tools, specify other tools:	0
Internal Inspection Tools - Other	
e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d)	26.78
2. ACTIONS TAKEN IN CALENDAR YEAR BASED ON IN-LINE INSPECTIONS	
 Based on ILI data, total number of anomalies excavated in calendar year because they met the operator's criteria for excavation. 	8
 Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment. 	8
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0
2. "One-year conditions" [192.933(d)(2)]	0
3. "Monitored conditions" [192.933(d)(3)]	0
4. Other "Scheduled conditions" [192.933(c)]	0
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	
a. Total mileage inspected by pressure testing in calendar year.	0
 b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HCA Segment and outside of an HCA Segment. 	0
c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN AN HCA SEGMENT.	0
d. Total number of pressure test leaks (less than complete wall failure but including escape of test medium) repaired in calendar year WITHIN AN HCA SEGMENT.	0
4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment methods)	
a. Total mileage inspected by each DA method in calendar year.	0
1. ECDA	0
2. ICDA	0
3. SCCDA	0
b. Total number of anomalies identified by each DA method and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
1. ECDA	0
2. ICDA	0
3. SCCDA	0
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	0
1. "Immediate repair conditions" [192.933(d)(1)]	0

		Expires: 1/31/2023
	2. "One-year conditions" [192.933(d)(2)]	0
	3. "Monitored conditions" [192.933(d)(3)]	0
	4. Other "Scheduled conditions" [192.933(c)]	0
5. MILE	AGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON OTHER INSPECTION TECHNIQUES	
	a. Total mileage inspected by inspection techniques other than those listed above in calendar year.	0
	1.Other Inspection Techniques	
	b. Total number of anomalies identified by other inspection techniques and repaired in calendar year based on the operator's criteria, both within an HCA Segment and outside of an HCA Segment.	0
	c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	0
	1. "Immediate repair conditions" [192.933(d)(1)]	0
	2. "One-year conditions" [192.933(d)(2)]	0
	3. "Monitored conditions" [192.933(d)(3)]	0
	4. Other "Scheduled conditions" [192.933©]	0
. TOTAL	MILEAGE INSPECTED (ALL METHODS) AND ACTIONS TAKEN IN CALENDAR YEAR	
	a. Total mileage inspected in calendar year. (Lines 1.e + 3.a + 4.a.1 + 4.a.2 + 4.a.3 + 5.a)	26.78
	b. Total number of anomalies repaired in calendar year both within an HCA Segment and outside of an HCA Segment. (Lines 2.b + 3.b + 4.b.1 + 4.b.2 + 4.b.3 + 5.b)	8
	c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT. (Lines 2.c.1 + 2.c.2 + 2.c.3 + 2.c.4 + 3.c + 3.d + 4.c.1 + 4.c.2 + 4.c.3 + 4.c.4 + 5.c.1 + 5.c.2 + 5.c.3 + 5.c.4)	0
	d. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN AN HCA SEGMENT:	0
	e. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN AN HCA SEGMENT:	0
PART G- ONLY)	MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA Seg	ment miles
	a. Baseline assessment miles completed during the calendar year.	0
	b. Reassessment miles completed during the calendar year.	26.78
	c. Total assessment and reassessment miles completed during the calendar year.	26.78

For the designated Commodity Group, complete PARTs H, I, J, K, L, M, P Q and R covering INTERstate pipelines and/or pipeline facilities for each State in which INTERstate systems exist within this OPID and again covering INTRAstate pipelines and/or pipeline facilities for each State in which INTRAstate systems exist within this OPID.

exist within this OPID.												
PARTs H, I, J, K, L, M, P, Q, and R												
The data rep	The data reported in these PARTs applies to: (select only one)											
INTRASTATE pipelines/pipeline facilities CALIFORNIA												
PART H - MILES OF TRANSMISSION PIPE BY NOMINAL PIPE SIZE (NPS)												
	NPS 4 or less	6	8	10	12	14	16	18	20			
	0.01	0	0	3.38	0	0	1.73	0	0			
	22	24	26	28	30	32	34	36	38			
Onshore	0	0	0	0	26.78	0	0	0	0			
Unsnore	40	42	44	46	48	52	56	58 and over				
	0	0	0	0	0	0	0	0				
	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;											
31.9	Total Miles of	of Onshore Pip	e – Transmissi	ion								
	NPS 4 or less 6 8 10 12 14 16 18 20											
	0	0	0	0	0	0	0	0	0			
	22	24	26	28	30	32	34	36	38			
	0	0	0	0	0	0	0	0	0			
Offshore	40	42	44	46	48	52	56	58 and over				
	0	0	0	0	0	0	0	0				
	Additional Si 0 - 0; 0 - 0; 0	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;										
0	Total Miles o	of Offshore Pip	e – Transmissi	ion								
PART I - MIL	LES OF GA	THERING F	PIPE BY NO	MINAL PIF	PE SIZE (NF	PS)						
	NPS 4 or less	6	8	10	12	14	16	18	20			
Onshore	0	0	0	0	0	0	0	0	0			
Type A	22	24	26	28	30	32	34	36	38			
	0	0	0	0	0	0	0	0	0			
	40	42	44	46	48	52	56 58 a ove					

0	0 Additional Si	0	0	0	0	0	0	0					
0	Additional Si				Ŭ	U	0	0					
0		Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;											
	Total Miles of	f Onshore Typ	e A Pipe – Ga	thering									
	NPS 4 or less	or less 6 8 10 12 14 16 18 20											
Γ	0	0	0	0	0	0	0		0	0			
	22	24	26	28	30	32	34		36	38			
Onshore	0	0	0	0	0	0	0		0	0			
Type B	40	42	44	46	48	52	56	58 and over					
	0	0	0	0	0	0	0	0					
	Additional Si	Additional Sizes and Miles (Size – Miles;): 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0; 0 - 0;											
0	Total Miles o	of Onshore Typ	e B Pipe – Ga	thering									
	NPS 4 or less 6 8 10 12 14 16 18								20				
Γ	0	0	0	0	0	0	0		0	0			
	22	24	26	28	30	32	34		36	38			
Offshore	0	0	0	0	0	0	0		0	0			
	40	42	44	46	48	52	56	58 and over					
	0	0	0	0	0	0	0	0					
	Additional Si	zes and Miles	(Size – Miles;)	: 0 - 0; 0 - 0; 0	- 0; 0 - 0; 0 - 0	; 0 - 0; 0 - 0;	0 - 0; 0 - 0;						
0	Total Miles o	of Offshore Pipe	e – Gathering										

PART J - MILES OF PIPE BY DECADE INSTALLED

Decade Pipe Installed	Unknown	Pre-40	1940 - 1949	1950 - 1959	1960 - 1969	1970 - 1979
Transmission						
Onshore	0	0	0	0	0	0
Offshore		0				
Subtotal Transmission	0	0	0	0	0	0
Gathering						
Onshore Type A	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0
Offshore		0				
Subtotal Gathering	0	0	0	0	0	0
Total Miles	0	0	0	0	0	0
Decade Pipe Installed	1980 - 1989	1990 - 1999	2000 - 2009	2010 - 2019	2020 - 2029	Total Miles
Transmission						
Onshore	0	0	0	31.9		31.9
Offshore						0
Subtotal Transmission	0	0	0	31.9		31.9
Gathering						

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0	0	0	0		0
0	0	0	0		0
					0
0	0	0	0		0
0	0	0	31.9		31.9
	0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 31.9	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 31.9

		CLASS L	OCATION		Total Miles
ONSHORE	Class I	Class 2	Class 3	Class 4	1
Steel pipe Less than 20% SMYS	0	0	0	0	0
Steel pipe Greater than or equal to 20% SMYS but less than 30% SMYS	0	0	0	0	0
Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS	0	0	0	0	0
Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS	1.99	1.65	0	0	3.64
Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS	23.17	0	0	0	23.17
Steel pipe Greater than 60% SMYS but less than or equal to 72% SMYS	5.09	0	0	0	5.09
Steel pipe Greater than 72% SMYS but less than or equal to 80% SMYS	0	0	0	0	0
Steel pipe Greater than 80% SMYS	0	0	0	0	0
Steel pipe Unknown percent of SMYS	0	0	0	0	0
All Non-Steel pipe	0	0	0	0	0
Onshore Totals	30.25	1.65	0	0	31.9
OFFSHORE	Class I			•	-
Less than or equal to 50% SMYS	0				
Greater than 50% SMYS but less than or equal to 72% SMYS	0				
Steel pipe Greater than 72% SMYS	0				
Steel Pipe Unknown percent of SMYS	0				
All non-steel pipe	0				
Offshore Total	0				0
Total Miles	30.25				31.9

PART L - MILES OF PIPE BY CLASS LOCATION

		Class L	Total	HCA Miles in the IMP		
	Class I	Class 2	Class 3	Class 4	Class Location Miles	Program
Transmission						
Onshore	30.25	1.65	0	0	31.9	0.83
Offshore	0	0	0	0	0	
Subtotal Transmission	30.25	1.65	0	0	31.9	
Gathering						

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Onshore Type A	0	0	0	0	0	
Onshore Type B	0	0	0	0	0	
Offshore	0	0	0	0	0	
Subtotal Gathering	0	0	0	0	0	
Total Miles	30.25	1.65	0	0	31.9	0.83

PART M – FAILURES, LEAKS, AND REPAIRS

PART M1 – ALL LEAKS ELIMINATED/REPAIRED IN CALENDAR YEAR; INCIDENTS & FAILURES IN HCA SEGMENTS IN CALENDAR YEAR

		Transmissi	on Leaks,	and Failures	i		Gathering	j Leaks
		Lea	ks		Failures in	Onshor	e Leaks	Offshore Leaks
	Onsho	ore Leaks	Offsh	ore Leaks	HCA			
Cause	HCA	Non-HCA	HCA	Non-HCA	Segments	Type A	Type B	
External Corrosion	0	0	0	0	0	0	0	0
Internal Corrosion	0	0	0	0	0	0	0	0
Stress Corrosion Cracking	0	0	0	0	0	0	0	0
Manufacturing	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0
Incorrect Operations	0	0	0	0	0	0	0	0
Third Party Damage/Mecha	anical Da	amage						
Excavation Damage	0	0	0	0	0	0	0	0
Previous Damage (due to Excavation Activity)	0	0	0	0	0	0	0	0
Vandalism (includes all Intentional Damage)	0	0	0	0	0	0	0	0
Weather Related/Other Ou	tside Fo	rce						
Natural Force Damage (all)	0	0	0	0	0	0	0	0
Other Outside Force Damage (excluding Vandalism and all Intentional Damage)	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

PART M2 - KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR

Transmission	0	Gathering
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PART M3 – LEAKS ON FEDERAL LAND OR OCS REPAIRED OR SCHEDULED FOR REPAIR

Transmission		Gathe	ring
0 1		Onshore Type A	
Onshore	0	Onshore Type B	
OCS	0	OCS	0
Subtotal Transmission	0	Subtotal Gathering	0
Total		0	

PART P - MILES OF PIPE BY MATERIAL AND CORROSION PROTECTION STATUS										
		thodically	Steel Cat unpro	hodically tected						
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite ¹	Other ²	Total Miles
Transmission										
Onshore	0	31.9	0	0	0	0	0	0	0	31.9
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	0	31.9	0	0	0	0	0	0	0	31.9
Gathering										
Onshore Type A	0	0	0	0	0	0	0	0	0	0
Onshore Type B	0	0	0	0	0	0	0	0	0	0
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Gathering	0	0	0	0	0	0	0	0	0	0
Total Miles	0	31.9	0	0	0	0	0	0	0	31.9

¹Use of Composite pipe requires PHMSA Special Permit or waiver from a State ²specify Other material(s):

	(a)(1)	(a)(1)	(a)(2)	(a)(2)	(a)(3)	(a)(3)	(a)(4)	(a)(4)	(c)	(c)	(d)	(d)	Other ¹	Other
	Total	Incomplete Records	Total	Incomplete Records	Total	Incomplete Records	Total	Incomplete Records	Total	Incomplete Records	Total	Incomplete Records	Total	Incomplete Records
Class 1 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 1 (not in HCA)	0		30.25		0		0		0		0		0	
Class 2 (in HCA)	0	0	0.83	0	0	0	0	0	0	0	0	0	0	0
Class 2 (not in HCA)	0		0.82		0		0		0		0		0	
Class 3 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 3 (not in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 4 (in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Class 4 (not in HCA)	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0	31.9	0	0	0	0	0	0	0	0	0	0	0
Grand Total					_	-		31.9		-		_		=
Sum of Total row	for all "	Incomple	te Rec	cords" columns 0										
¹ Specify Other me	ethod(s)	:												
Class 1 (in HCA)	Class 1 (in HCA) Class 1 (not in HCA)													
Class 2 (in HCA)							Class	2 (not in HC	A)					
Class 3 (in HCA) Class 3 (not in HCA)														

Class 4 (in HCA)

Class 4 (not in HCA)

Part R – Gas Transm	ission Miles b	y Pressure Test	(PT) Range an	d Internal Inspection	_		
	PT ≥ 1.	25 MAOP	1.25 MAOI	P > PT ≥ 1.1 MAOP	PT < 1.1 or No PT		
Location	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	
Class 1 in HCA	0	0	0	0	0	0	
Class 2 in HCA	0.83	0	0	0	0	0	
Class 3 in HCA	0	0	0	0	0	0	
Class 4 in HCA	0	0	0	0	0	0	
in HCA subTotal	0.83	0	0	0	0	0	
Class 1 not in HCA	30.25	0	0	0	0	0	
Class 2 not in HCA	0.82	0	0	0	0	0	
Class 3 not in HCA	0	0	0	0	0	0	
Class 4 not in HCA	0	0	0	0	0	0	
not in HCA subTotal	31.07	0	0	0	0	0	
Total	31.9	0	0	0	0	0	
PT ≥ 1.25 MAOP Total		31.9	Total Miles Internal Inspection ABLE		31.9		
1.25 MAOP > PT ≥ 1.1 MAOP Total			0	Total Miles Internal Inspection NOT ABLE		0	
PT < 1.1 or No PT To	tal		0		Grand Total	31.9	
		Grand Total	31.9				

For the designated Commodity Group, complete PART N one time for all of the pipelines and/or pipeline facilities included within this OPID, and then also PART O if any gas transmission pipeline facilities included within this OPID have Part L HCA mile value greater than zero.

PART N - PREPARER SIGNATURE	
Richard Gonzalez	(559)675-2052 Telephone Number
Preparer's Name(type or print)	
Plant Superintendent	
Preparer's Title	
rgonzalez.nwngs@nwnatural.com	
Preparer's E-mail Address	
PART O - CERTIFYING SIGNATURE (applicable only to PARTs B, F, G, and M1)	
	(503)220-2405 Telephone Number
DAVID A. WEBER	
Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)	
DAVID A. WEBER	
Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)	

dweber.nwngs@nwnatural.com

Senior Executive Officer's E-mail Address