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: 8/31/2020



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

ANNUAL REPORT FOR CALENDAR YEAR 2016 NATURAL OR OTHER GAS TRANSMISSION and **GATHERING SYSTEMS**

Initial Date Submitted	03/06/2017
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

PART A - OPERATOR INFORMATION	DOT USE ONLY	20175465 - 32358
OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER (OPID) 39370	2. NAME OF OPERA NORTHWEST G	ATOR: AS PROCESSING, LLC
3. RESERVED	4. HEADQUARTERS 15021 KATY FREEV Street Address HOUSTON City State: TX Zip Code: 7	VAY, 4TH FLOOR

Natural Gas

6. RESERVED

7. FOR THE DESIGNATED "COMMODITY GROUP", THE PIPELINES AND/OR PIPELINE FACILITIES INCLUDED WITHIN THIS OPID ARE: (Select one or both)

> INTERstate pipeline – List all of the States and OSC portions in which INTERstate pipelines and/or pipeline facilities included under this OPID exist. etc.

INTRAstate pipeline – List all of the States in which INTRAstate pipelines and or pipeline facilities included under this OPID exist. IDAHO etc.

8. RESERVED

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							
Offshore							
Total Miles							

PART C - VOLUME TRANSPORTED IN TRAN PIPELINES (ONLY) IN MILLION SCF PER YEA (excludesTransmission lines of Gas Distribut	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						
Propane Gas						
Synthetic Gas						
Hydrogen Gas						
Landfill Gas						
Other Gas - Name:						

PART D - MILES OF STEEL PIPE BY CORROSION PROTECTION											
		athodically tected	Steel Cathodically unprotected								
Bare Coated Bare Coated Ca				Cast Iron	Wrought Iron	Plastic	Composite ¹	Other	Total Miles		
Transmission											
Onshore	0	0	0	0	0	0	0	0	0	0	
Offshore	0	0	0	0	0	0	0	0	0	0	
Subtotal Transmission	0	0	0	0	0	0	0	0	0	0	
Gathering											
Onshore Type A	0	11.2	0	0	0	0	0	0	0	11.2	
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	11.2	0	0	0	0	0	0	0	11.2	
Total Miles	0	11.2	0	0	0	0	0	0	0	11.2	

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

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.

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

PART F - INTEGRITY INSPECTIONS CONDUCTED AND ACTIONS TAKEN BASED ON INSPECTION	
. MILEAGE INSPECTED IN CALENDAR YEAR USING THE FOLLOWING IN-LINE INSPECTION (ILI) TOOLS	
a. Corrosion or metal loss tools	
b. Dent or deformation tools	
c. Crack or long seam defect detection tools	
d. Any other internal inspection tools, specify other tools:	
Internal Inspection Tools - Other	
e. Total tool mileage inspected in calendar year using in-line inspection tools. (Lines a + b + c + d)	
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 opera criteria for excavation. 	itor's
 Total number of anomalies repaired in calendar year that were identified by ILI based on the operator's both within an HCA Segment and outside of an HCA Segment. 	s criteria,
c. Total number of conditions repaired WITHIN AN HCA SEGMENT meeting the definition of:	
1. "Immediate repair conditions" [192.933(d)(1)]	
2. "One-year conditions" [192.933(d)(2)]	
3. "Monitored conditions" [192.933(d)(3)]	
4. Other "Scheduled conditions" [192.933(c)]	
3. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON PRESSURE TESTING	,
a. Total mileage inspected by pressure testing in calendar year.	
 b. Total number of pressure test failures (ruptures and leaks) repaired in calendar year, both within an HC Segment and outside of an HCA Segment.)A
c. Total number of pressure test ruptures (complete failure of pipe wall) repaired in calendar year WITHIN SEGMENT.	I AN HCA
d. Total number of pressure test leaks (less than complete wall failure but including escape of test mediur repaired in calendar year WITHIN AN HCA SEGMENT.	n)
4. MILEAGE INSPECTED AND ACTIONS TAKEN IN CALENDAR YEAR BASED ON DA (Direct Assessment I	methods)
a. Total mileage inspected by each DA method in calendar year.	
1. ECDA	
2. ICDA	
3. SCCDA	
 b. Total number of anomalies identified by each DA method and repaired in calendar year based on the ocriteria, both within an HCA Segment and outside of an HCA Segment. 	perator's
1. ECDA	
2. ICDA	
3. SCCDA	
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition	on of:
1. "Immediate repair conditions" [192.933(d)(1)]	
F DUMOA F. 7400.0.4 (Dec. 40.0044)	

Form Approved OMB No. 2137-0522 Expires: 8/31/2020 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. 2. "One-year conditions" [192.933(d)(2)]

2. "One-year conditions" [192.933(d)(2)]	
3. "Monitored conditions" [192.933(d)(3)]	
4. Other "Scheduled conditions" [192.933(c)]	
5. MILEAGE 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.	
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.	
c. Total number of conditions repaired in calendar year WITHIN AN HCA SEGMENT meeting the definition of:	
1. "Immediate repair conditions" [192.933(d)(1)]	
2. "One-year conditions" [192.933(d)(2)]	
3. "Monitored conditions" [192.933(d)(3)]	
4. Other "Scheduled conditions" [192.933©]	
S. 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)	
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)	
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)	
d. Total number of actionable anomalies eliminated by pipe replacement in calendar year WITHIN AN HCA SEGMENT:	
e. Total number of actionable anomalies eliminated by pipe abandonment in calendar year WITHIN AN HCA SEGMENT:	
PART G- MILES OF BASELINE ASSESSMENTS AND REASSESSMENTS COMPLETED IN CALENDAR YEAR (HCA Segr ONLY)	nent miles
a. Baseline assessment miles completed during the calendar year.	
b. Reassessment miles completed during the calendar year.	

c. Total assessment and reassessment miles completed during the calendar year.

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 reported in these PARTs applies to: (select only one)											
INTRASTATE pipelines/pipeline facilities IDAHO											
PART H - MILES OF TRANSMISSION PIPE BY NOMINAL PIPE SIZE (NPS)											
	NPS 4 or less	6	8	10	12	14	16	18	20		
	22	24	26	28	30	32	34	36	38		
Onshore											
	40	42	44	46	48	52	56	58 and over			
	Additional Si	izes and Miles	(Size – Miles;)	:							
	Total Miles o	of Onshore Pip									
	or less	6	8	10	12	14	16	18	20		
	22	24	26	28	30	32	34	36	38		
								50 and			
Offshore	40	42	44	46	48	52	56	58 and over			
	Additional Si	zes and Miles	(Size – Miles;)	:							
	Total Miles of	of Offshore Pip	e – Transmissi	on							
PART I - M	ILES 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	11.2	0	0	0	0		
Гуре А	22	24	26	28	30	32	34	36	38		
	0	0	0	0	0	0	0 59	0	0		
	40	42	44	46	48	52	56 58 a ove				

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.

ļ —		-	1			1			EX	pires: 8/31/2020
	0	0	0	0	0	0	0		0	
	Additiona	al Sizes and Miles	(Size – Miles;):	0 - 0; 0 - 0; 0	- 0; 0 - 0; 0 -	0; 0 - 0; 0 - 0); 0 - 0; 0 - 0;			
11.2	Total Mile	es of Onshore Typ	e A Pipe – Gat	hering						
	NPS 4 or less	h	8	10	12	14	16		18	20
	22	24	26	28	30	32	34		36	38
Onshore								50 -	d	
Type B	40	42	44	46	48	52	56	58 a ove		
	Additiona	al Sizes and Miles	(Size – Miles;):	-;-;-;-;	-;-;-;-;	- ;				
		es of Onshore Typ								
	NPS 4	6	8	10	12	14	16		18	20
	or less			. 0			.3		.,	
	22	24	26	28	30	32	34		36	38
Offshore										
	40	42	44	46	48	52	56	58 a		
	Additiona	al Sizes and Miles	(Size – Miles:):	-:-:-:-:	-:-:-:	-:				
	Additional Sizes and Miles (Size – Miles;): -; -; -; -; -; -; -; -; Total Miles of Offshore Pipe – Gathering									
	1 Otal Wille	es di Olistidie Fipe	e – Gathering							
PART J – M	ILES OF	PIPE BY DEC	ADE INSTA	LLED						
Decade Pipe Installed		Unknown	Pre-40	1940 -	1949 19	50 - 1959	1960 - 19	969		1970 - 1979
Transmissio	n									
Onshore										
Offshore										
Subtotal Trans	mission									
Gathering										
Onshore Typ		0	0	0		0	0			0
Onshore Typ	oe B	0	0	0		0	0			0
Offshore Subtotal Ga	athering	0	0	0		0	0			0
Subtotal Gathering Total Miles		0	0	0		0	0			0
Decade Pipe Installed		1980 - 1989	1990 - 199	9 2000 - 2	2009 20	10 - 2019				Total Miles
Transmissio	on									
Onshore										
Offshore										
Subtotal Trans	mission									
Gathering										

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.

					Expires: 8/31/2020
Onshore Type A	0	0	0	11.2	11.2
Onshore Type B	0	0	0	0	0
Offshore					
Subtotal Gathering	0	0	0	11.2	11.2
Total Miles	0	0	0	11.2	11.2
	-	•		•	-

TARTIC MILEO OF TH	ANSWISSION	PIPE BY SPEC	CIFIED MINIMU	M YIELD STI	RENGTH	T
ONSHORE			Total Miles			
ONOTIONE	•	Class I	Class 2	Class 3	Class 4	
Steel pipe Less than 20%	SMYS					
Steel pipe Greater than 0 20% SMYS but less than						
Steel pipe Greater than or equal to 30% SMYS but less than or equal to 40% SMYS						
Steel pipe Greater than 40% SMYS but less than or equal to 50% SMYS						
Steel pipe Greater than 50% SMYS but less than or equal to 60% SMYS						
Steel pipe Greater than but less than or equal to						
Steel pipe Greater than but less than or equal to						
Steel pipe Greater than 80% SMYS						
Steel pipe Unknown percent of SMYS						
All Non-Steel pipe						
0	nshore Totals					
OFFSHORE		Class I				-
Less than or equal to 50% SMYS						
Greater than 50% SMYS or equal to 72% SMYS	but less than					
Steel pipe Greater than 7	2% SMYS					
Steel Pipe Unknown perd	cent of SMYS					
All non-steel pipe						
	Offshore Total					
	Total Miles					
PART L - MILES OF PI	PE BY CLASS	LOCATION				
]	1	Class Lo	ocation		Total Class Location	HCA Miles in the IMI
	Class I	Class 2	Class 3	Class 4	Miles	Program
Transmission						
Onshore						
Offshore						
Subtotal Transmission						

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: 8/31/2020

					_	Lxpires. 6/31/2020
Onshore Type A	0	11.2	0	0	11.2	
Onshore Type B	0	0	0	0	0	
Offshore	0	0	0	0	0	
Subtotal Gathering	0	11.2	0	0	11.2	
Total Miles	0	11.2	0	0	11.2	

PART M – FAILURES, LEAKS, AND REPAIRS

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

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

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

Transmission		Gathering
--------------	--	-----------

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

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

PART P - MILES OF	PART P - MILES OF PIPE BY MATERIAL AND CORROSION PROTECTION STATUS									
		thodically ected	Steel Cathodically unprotected							
	Bare	Coated	Bare	Coated	Cast Iron	Wrought Iron	Plastic	Composite ¹	Other ²	Total Miles
Transmission										
Onshore	0	0	0	0	0	0	0	0	0	0
Offshore	0	0	0	0	0	0	0	0	0	0
Subtotal Transmission	0	0	0	0	0	0	0	0	0	0
Gathering										
Onshore Type A	0	11.2	0	0	0	0	0	0	0	11.2
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	11.2	0	0	0	0	0	0	0	11.2
Total Miles	0	11.2	0	0	0	0	0	0	0	11.2

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

	(a)(1) Total	(a)(1) Incomplete	(a)(2) Total	(a)(2) Incomplete	(a)(3) Total	(a)(3) Incomplete	(a)(4) Total	(a)(4) Incomplete	(c) Total	(c) Incomplete	(d) Total	(d) Incomplete	Other ¹ Total	Other Incomplete
		Records		Records		Records		Records		Records		Records		Records
Class 1 (in HCA)														
Class 1 (not in HCA)														
Class 2 (in HCA)														
Class 2 (not in HCA)														
Class 3 (in HCA)														
Class 3 (not in HCA)														
Class 4 (in HCA)														
Class 4 (not in HCA)														
Total														
Grand Total					_			-	3	<u>-</u>		-		
Sum of Total row	for all "	Incomple	te Red	e Records" columns										
¹ Specify Other me	ethod(s)	:							_					
Class 1 (in HCA)							Class	ss 1 (not in HCA)						
Class 2 (in HCA)							Class	lass 2 (not in HCA)						
Class 3 (in HCA)							Class	ss 3 (not in HCA)						
Class 4 (in HCA)				-			Class 4 (not in HCA							

Part R – Gas Transm	nission Miles b	y Pressure Test	(PT) Range an	d Internal Inspection				
		25 MAOP		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								
Class 2 in HCA								
Class 3 in HCA								
Class 4 in HCA								
in HCA subTotal								
Class 1 not in HCA								
Class 2 not in HCA								
Class 3 not in HCA								
Class 4 not in HCA								
not in HCA subTotal								
Total								
PT ≥ 1.25 MAOP Total				Total Miles Internal In:				
1.25 MAOP > PT ≥ 1.	1 MAOP Total			Total Miles Internal In				
PT < 1.1 or No PT To	tal			Grand Total				
		Grand Total						

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	
Kristyn Christie	(936) 447-6100 Telephone Number
Preparer's Name(type or print)	Totopholic Hallison
Preparer's Title	
kristyn@thecompgroup.com	
Preparer's E-mail Address	
PART O - CERTIFYING SIGNATURE (applicable only to PARTs B, F, G, and M1)	Telephone Number
	Telephone Number
Senior Executive Officer's name certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)	
Senior Executive Officer's title certifying the information in PARTs B, F, G, and M as required by 49 U.S.C. 60109(f)	