

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a civil penalty not to OMB NO: 2137-0629 exceed 100,000 for each violation for each day that such violation persists except that the maximum civil EXPIRATION DATE: 10/31/2021 penalty shall not exceed \$1,000,000 as provided in 49 USC 60122. **Initial Date** 03/15/2019 Submitted: INITIAL U.S Department of Transportation Form Type: Pipeline and Hazardous Materials Safety Administration Date Submitted:

ANNUAL REPORT FOR **CALENDAR YEAR 2018 GAS DISTRIBUTION SYSTEM**

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 2137-0629. Public reporting for this collection of information is estimated to be approximately 16 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

ART A - O	PERATOR INFORMATI	ON		(DOT u	se only)		20190942	2-38392				
1. Name o	f Operator				SPIRE MISSO	URI INC. E	AST	5-9				
	ON OF OFFICE (WHER											
	2a. Street Address			7	700 MARKET							
:	2b. City and County	_		SAINT LOUIS								
	2c. State			1	MO							
	2d. Zip Code			(3101							
3. OPERA	TOR'S 5 DIGIT IDENTIF	ICATION NUMBER	1.1	3	1032							
4. HEADQ	UARTERS NAME & AD	DRESS			1.							
	4a. Street Address			7	00 MARKET	STREET						
	4b. City and County			5	SAINT LOUIS							
	4c. State			ı	МО							
	4d. Zip Code			6	3101							
5. STATE	IN WHICH SYSTEM OP	ERATES		0	MO							
complete t	EPORT PERTAINS TO The report for that Commo	THE FOLLOWING COI odity Group. File a sepa	MMODITY GR arate report fo	OUP (Select r each Comm	Commodity (nodity Group i	Group based ncluded in t	d on the pre his OPID.)	edominant gas carr	ied and			
Natural Ga	is											
	EPORT PERTAINS TO T this OPID for which this			ATOR (Select	Type of Ope	rator based	on the stru	cture of the compa	ny			
Investor O	wned											
ART B - S	YSTEM DESCRIPTION											
GENERAL			1910			TOWNS.						
	ST	EEL) BOARWINGTON					-			
	UNPROTECTED	CATHODICALLY PROTECTED	PLASTIC	CAST/ WROUGHT	DUCTILE	COPPER	OTHER	RECONDITION ED	SYSTE			

4214.589

459674

COATED

4007.96

103757

BARE

25

BARE

2839

MILES OF

MAIN NO. OF

SERVICES

COATED

477.051

0

0

0

0.37

55482

IRON

0

0

TOTAL

8724.97

621752

CAST IRON

0

STEEL DUCTILE IRON	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
DUCTH FIRM	0	2520.715	522.004	895.414	78.386	16.443	4032.962
DOO HEE IKUN	0	0	0	0	0	0	0
COPPER	0	.370	0	0	0	0	.37
CAST/WROUGH IRON	т о		134.885	195.237	100.904	46.025	477.051
PLASTIC PVC	0	0	0 0 0		0	0	0
PLASTIC PE	0	3091.605	822.442	284.507	16.035	0	4214.589
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHE	R 0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
RECONDITIONEI CAST IRON	0 0	0	0	0	0	0	0
TOTAL	0	5612.69	1479.331	1375.158	195.325	62.468	8724.972
Describe Other	Material:						
MATERIAL	инкноми	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
STEEL	0	96138	9624	761	72	1	106596
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	55338	144	0	0	0	55482
CAST/WROUGHT	т о	0	o	0	0	0	
	0	0	0		1	<u> </u>	0
PLASTIC PVC				0	0	_0	0
PLASTIC PVC PLASTIC PE	0 _	443874	15227	511	23	. 0 39	
	0 .	443874	15227				0
PLASTIC PE	0	_		511	23	39	0 459674
PLASTIC PE	0	0	0	511	23	39	0 459674 0
PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER	0 0	0	0	511 0	0 0	39 0 0	0 459674 0
PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER RECONDITIONED	0 0	0 0	0 0	511 0 0	23 0 0	39 0 0	0 459674 0 0
PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER RECONDITIONED CAST IRON	0 0 0 0 0 0 0 0	0 0	0 0 0	511 0 0 0	23 0 0 0	39 0 0 0	0 459674 0 0 0

MILES OF MAIN	32.705	526.581	106.471	1066.250	1866.848	1223.887	952.731	1374.507	873.919	701.078	8724.977
NUMBER OF SERVICES	0	5288	4304	66058	69301	90686	78571	103815	131667	72062	621752

		MAINS	SE	RVICES
CAUSE OF LEAK	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	97	12	236	68
NATURAL FORCE DAMAGE	71	13	361	71
EXCAVATION DAMAGE	143	136	652	645
OTHER OUTSIDE FORCE DAMAGE	23	15	186	91
PIPE, WELD OR JOINT FAILURE	333	38	762	147
EQUIPMENT FAILURE	56	6	695	106
INCORRECT OPERATIONS	6	0	12	6
OTHER CAUSE	198	14	660	92

PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA PART D - EXCAVATION DAMAGE Total Number Of Services with EFV Installed During Year: 11279 1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 860 Estimated Number Of Services with EFV In the System At End Of Year: a. One-Call Notification Practices Not Sufficient: 86 b. Locating Practices Not Sufficient: 352 * Total Number of Manual Service Line Shut-off Valves Installed During Year: 955 c. Excavation Practices Not Sufficient: 301 d. Other: 121 * Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 1779 *These questions only pertain to reporting years 2017 & beyond. 2. NUMBER OF EXCAVATION TICKETS: 246956 PART G-PERCENT OF UNACCOUNTED FOR GAS PART F - LEAKS ON FEDERAL LAND UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL CONSUMPTION TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR. SCHEDULED TO REPAIR: 0 [(PURCHASED GAS + PRODUCED GAS) MINUS (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS)] DIVIDED BY (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS) TIMES 100 EQUALS PERCENT UNACCOUNTED FOR. FOR YEAR ENDING 6/30: __4%_ PART H - ADDITIONAL INFORMATION

PARTI-PREPARER	
Erin Milkert, Operator	/314/340 2032
(Preparer's Name and Title)	(314)349-2932 <u>kamunan internasia saaruu muunuu saaruu kan saaruu kan kan kan kan kan kan kan kan kan kan</u>
(i toparci s tranic and title)	(Area Code and Telephone Number)
ania milita d'Obbaila de accord	
erin.milkert@thelacledegroup.com (Preparer's email address)	(Area Code and Facsimile Number)
(Frepaiers email address)	,

exceed 100,000 for each violatio	by 49 CFR Part 191. Failure to report can result in in for each day that such violation persists except the 100 as provided in 49 USC 60122.		OMB NO: 2137-0629 EXPIRATION DATE: 10/31/2021
		Initial Date Submitted:	03/15/2019
U.S Department of T	ransportation ous Materials Safety Administration	Form Type:	INITIAL
		Date Submitted:	

ANNUAL REPORT FOR CALENDAR YEAR 2018 GAS DISTRIBUTION SYSTEM

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http://www.phmsa.dot.gov/pipeline/library/forms. 20190953-38403 PART A - OPERATOR INFORMATION (DOT use only) SPIRE MISSOURI INC. WEST 1. Name of Operator 2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED) 700 MARKET 2a. Street Address SAINT LOUIS 2b. City and County MO 2c. State 2d. Zip Code 63101 3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER 30769 4. HEADQUARTERS NAME & ADDRESS 700 MARKET STREET 4a. Street Address 4b. City and County SAINT LOUIS MO 4c. State 4d. Zip Code 63101 5. STATE IN WHICH SYSTEM OPERATES MO 6. THIS REPORT PERTAINS TO THE FOLLOWING COMMODITY GROUP (Select Commodity Group based on the predominant gas carried and complete the report for that Commodity Group. File a separate report for each Commodity Group included in this OPID.) Natural Gas 7. THIS REPORT PERTAINS TO THE FOLLOWING TYPE OF OPERATOR (Select Type of Operator based on the structure of the company included in this OPID for which this report is being submitted.): Investor Owned PART B - SYSTEM DESCRIPTION 1.GENERAL TO THE TANK THE PROPERTY OF THE PROP

		ST	EEL								
	UNPROTECTED			CATHODICALLY PROTECTED		CAST/ WROUGHT	DUCTILE IRON	COPPER	OTHER	RECONDITION ED	SYSTEM TOTAL
	BARE	COATED	BARE	COATED		IRON				CAST IRON	
MILES OF MAIN			847.485	3434.827	4330.124	241.012	0	0	0	0	8853.448
NO. OF SERVICES	704	2043	6535	22264	479610	0	0	0	0	0	511156

2.MILES OF MAINS	IN STSTEM AT EN						
MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	1715.451	1427.400	797.905	214.958	126.598	4282.312
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CAST/WROUGHT IRON	0	0	73.085	120.768	33.560	13.599	241.012
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	2636.340	1408.938	263.346	17.346	4.154	4330.124
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	4351.791	2909.423	1182.019	265.864	144.351	8853.448
Describe Other m	laterial:						
		AT END OF YEAR		AMERIKANIA PA	VERAGE SERVICE L	ENGTH: 57.6	
		AT END OF YEAR 1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	ENGTH: 57.6 OVER 8"	SYSTEM TOTALS
3.NUMBER OF SER	VICES IN SYSTEM A		OVER 1"	OVER 2"	OVER 4"		SYSTEM
B.NUMBER OF SER MATERIAL	VICES IN SYSTEM A	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
3.NUMBER OF SER MATERIAL STEEL	VICES IN SYSTEM A UNKNOWN 0	1" OR LESS 20663	OVER 1" THRU 2" 10560	OVER 2" THRU 4" 269	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS 31546
3.NUMBER OF SER MATERIAL STEEL DUCTILE IRON COPPER	UNKNOWN 0	1" OR LESS 20663	OVER 1" THRU 2" 10560	OVER 2" THRU 4" 269	OVER 4" THRU 8" 46	OVER 8" 8	SYSTEM TOTALS 31546
3.NUMBER OF SER MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT	UNKNOWN 0 0	1" OR LESS 20663 0	OVER 1" THRU 2" 10560 0	OVER 2" THRU 4" 269 0	OVER 4" THRU 8" 46 0	8 0	31546 0
3.NUMBER OF SER MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON	UNKNOWN 0 0 0	1" OR LESS 20663 0 0 0	OVER 1" THRU 2" 10560 0 0	OVER 2" THRU 4" 269 0 0	OVER 4" THRU 8" 46 0 0	0 8 0 0 0	SYSTEM TOTALS 31546 0 0 0
3.NUMBER OF SER MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON PLASTIC PVC	UNKNOWN 0 0 0 0	1" OR LESS 20663 0 0 0 0	OVER 1" THRU 2" 10560 0 0 0	OVER 2" THRU 4" 269 0 0 0	OVER 4" THRU 8" 46 0 0 0	0 0 0 0 0	SYSTEM TOTALS 31546 0 0 0 0
3.NUMBER OF SER MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS	UNKNOWN O O O O	1" OR LESS 20663 0 0 0 457528	OVER 1" THRU 2" 10560 0 0 0 21806	OVER 2" THRU 4" 269 0 0 0 251	OVER 4" THRU 8" 46 0 0 0 24	OVER 8" 8 0 0 0 1	SYSTEM TOTALS 31546 0 0 0 479610
MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE	UNKNOWN O O O O O	1" OR LESS 20663 0 0 0 0 457528	OVER 1" THRU 2" 10560 0 0 0 21806	OVER 2" THRU 4" 269 0 0 0 251	OVER 4" THRU 8" 46 0 0 0 24	OVER 8" 8 0 0 0 1	SYSTEM TOTALS 31546 0 0 0 479610 0
BANUMBER OF SER MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER	UNKNOWN O O O O O O	1" OR LESS 20663 0 0 0 0 457528 0	OVER 1" THRU 2" 10560 0 0 0 21806 0	OVER 2" THRU 4" 269 0 0 0 251 0	OVER 4" THRU 8" 46 0 0 0 24 0 0	OVER 8" 8 0 0 0 1 0 0	SYSTEM TOTALS 31546 0 0 0 479610 0
MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER	UNKNOWN O O O O O O O	1" OR LESS 20663 0 0 0 0 457528 0 0	OVER 1" THRU 2" 10560 0 0 0 21806 0 0	OVER 2" THRU 4" 269 0 0 0 251 0 0	OVER 4" THRU 8" 46 0 0 0 0 24 0 0 0	OVER 8" 8 0 0 0 1 0 0 1	SYSTEM TOTALS 31546 0 0 0 479610 0 0
MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER RECONDITIONED CAST IRON TOTAL	UNKNOWN O O O O O O O O O O O O O	1" OR LESS 20663 0 0 0 0 457528 0 0 0	OVER 1" THRU 2" 10560 0 0 0 21806 0 0 0 0 0 0 0 0 0 0	OVER 2" THRU 4" 269 0 0 0 251 0 0 0 520	OVER 4" THRU 8" 46 0 0 0 0 24 0 0 70	OVER 8" 8 0 0 0 1 0 0 0 1 0 9	SYSTEM TOTALS 31546 0 0 0 479610 0 0 511156
MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER RECONDITIONED CAST IRON TOTAL Describe Other M	UNKNOWN O O O O O O O O O O O O O O O O O	1" OR LESS 20663 0 0 0 0 457528 0 0 0 478191	OVER 1" THRU 2" 10560 0 0 0 21806 0 0 0 0 0 0 0 0 0 0	OVER 2" THRU 4" 269 0 0 0 251 0 0 0 520	OVER 4" THRU 8" 46 0 0 0 0 24 0 0 0 0 0 0 0 0 0	OVER 8" 8 0 0 0 1 0 0 0 1 0 9	SYSTEM TOTALS 31546 0 0 0 479610 0 0 511156

MILES OF MAIN	4.659	855,331	139.878	791.246	1663.627	1041.179	928.213	1311.917	1148.244	969.163	8853,457
NUMBER OF SERVICES	0	1934	392	4916	13029	47263	96429	215823	88300	43070	511156

CAUSE OF LEAK		MAINS	SE	RVICES
GADSE OF LEAR	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	93	18	14	6
NATURAL FORCE DAMAGE	77	28	104	53
EXCAVATION DAMAGE	177	176	663	659
OTHER OUTSIDE FORCE DAMAGE	9	8	110	107
PIPE, WELD OR JOINT FAILURE	125	28	190	62
EQUIPMENT FAILURE	8	3	3	1
INCORRECT OPERATIONS	5	2	19	18
OTHER CAUSE	44	2	23	11

PART D - EXCAVATION DAMAGE PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA 1, TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT Total Number Of Services with EFV Installed During Year: 17314 ROOT CAUSE: 870 Estimated Number Of Services with EFV In the System At End Of Year: a. One-Call Notification Practices Not Sufficient: 140 76775 b. Locating Practices Not Sufficient: * Total Number of Manual Service Line Shut-off Valves Installed During c. Excavation Practices Not Sufficient: 288 Year: 465 d. Olher: 156 * Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: *These questions only pertain to reporting years 2017 & beyond. 2. NUMBER OF EXCAVATION TICKETS: 257524 PART F - LEAKS ON FEDERAL LAND PART G-PERCENT OF UNACCOUNTED FOR GAS TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL CONSUMPTION FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR. SCHEDULED TO REPAIR: 0 [(PURCHASED GAS + PRODUCED GAS) MINUS (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS)] DIVIDED BY (CUSTOMER USE + COMPANY USE + APPROPRIÂTE ADJUSTMENTS) TIMES 100 EQUALS PERCENT UNACCOUNTED FOR. FOR YEAR ENDING 6/30: __1.75%_ PART H - ADDITIONAL INFORMATION

PART I - PREPARER	
Erin Milkert,Operator (Preparer's Name and Title)	(314)349-2932 (Area Code and Telephone Number)
erin.milkert@thelacledegroup.com (Preparer's email address)	(Area Code and Facsimile Number)

exceed 100,0	00 for each v	uired by 49 CF folation for eac 1,000,000 as p	h day lhat suc	h violation pa	rt can result in raista except ti	a civil penally hat the maxim	not to im civil			2137-0629 ION DATE: 1/31/2018	
Ó						1	liai Date bmitted:				
U.S Pipe	Departmen	nt of Transpo azardous Ma	rlation Iterials Safet	y Administra	ation	Fo	rm Type:	-	INITIAL		
·	·					Sı	Date bmitted:				
Information su Number for the time for review mandatory. S Collection Cle Important:	bject to the or is information wing instruction and comment arance Office Please rea	equirements of a collection is 2 cons. gathering that regarding the r. PHMSA, Of the separate	the Paperwor 137-0829. Pu the data needs is burden esti fice of Pipeline te Instruction	GA rson is not re k Reduction / blic reporting ed, and comp male or any o Safety (PHP	CALEND. AS DISTRI quired to responde to the collect letting and revi ther aspect of -30) 1200 Neverting this form	collection of it ion of information ewing the collection this collection of Jersey Aven	2017 SYSTEM It a person be sinformation displaint of information, info	ays a current to be approxition. All respondenting suggeton, D.C. 205	valid OMB (imately 16 h onses to this estions for a iso. formation i	ure to comply with a co Control Number. The do ours per response, its s collection of informat reducing this burden to requested and provi	OMB Control duding the ion are : Information
exemples. I http://www.p	l you do no hmsa.doi.c	t have a copy <u>rov/plpeline/li</u>	y of the instru <u>brary/forms</u> .	uctions, you	can oblain d	one from the	PHMSA Pipel	ine Śafely C	ommunity	Web Page at	
PART A - O	PERATOR	INFORMATI	ON			TOG)	ise only)	Strange Charles and Strange			
1. Name o							SPIRE MISSO	DURI INC. E	AST		
2. LOCATI	ON OF OF MATION M	FICE (WHER IAY BE OBTA	RE ADDITION NINED)	NAL							
	2a, Street A	ddress					700 MARKET				
	2b. City and	i County					SAINT LOUIS	i			
:	2c. State						МО			177	
	?d. Zip Cod	ė					63101				
3. OPERA	TOR'S 5 DI	GIT IDENTIF	IOATION NI	JMBER			11032				<u></u>
4. HEADQ	UARTERS	NAME & AD	DRESS								
4	ia. Street A	ddress					700 MARKET	STREET			
	ib. City and	County					SAINT LOUIS				
,	ic. State						мо				
,	ld. Zip Cod	8					B3101				
5. STATE	N WHICH	SYSTEM OP	ERATES				МО				
6. THIS RE	he report fo	RTAINS TO	THE FOLLO odily Group.	WING COM File a sepa	IMODITY GF rate report fo	ROUP (Selector oach Comi	Commodily (nodily Group i	Group base included in I	d on the pi his OPID.)	redominant gas carr	ied and
7, THIS RE	PORT PE	RTAINS TO	THE FOLLO	WING TYPI	E OF OPER/	ATOR (Selec	l Type of Ope	rator based	on the str	uclure of the compa	ny
Investor O	wned		· · ·								
<u>. </u>		SCRIPTION									
1.GENERAL		yey aspeyt taytatii ii 1960)	angenti menerakan Kanada	TOTAL		A CONTRACTOR OF THE SECOND			and the second s	C. L	A A A A A A A A A A A A A A A A A A A
	UNPRO	STECTED	CATHOD PROTE		PLASTIC	CAST/ WROUGHT	DUCTILE	COPPER	OTHER	RECONDITION ED	SYSTEM TOTAL
	BARE	COATED	BARE	COATED		IRON				CASTIRON	
MILES OF MAIN			25	4014.47	4112.66	531.46		.41			8884
NO. OF SERVICES	4163			105333	453181			58075	i		620752

		ID OF YEAR		4, 37	Jaktoryczu, yr	Arrivate British	ar sa salaa.
MATERIAL	пикиоми	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	2525.97	524,34	893,10	78.82	17.24	4039,47
DUCTILE IRON	0	. 0	0	0	0	0	0
COPPER	٥	.41	0	0	0	0	.41
CASTAVROUGHT IRON	0	0	153.37	220.74	107.92	49,43	531.46
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	3024.67	802.41	270.36	15.02	0	4112,68
PLASTIC ABS	0	0	o	0	Q.	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	0	0	0	0	o	ó	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	5551,25	1480.12	1384.2	201,76	68.67	8684
NUMBER OF SER	VICES IN SYSTEM /	1" OR LESS	OVER 1"	OVER 2"	AVERAGE SERVICE L	ENGTH: 65.7 OVER 8"	SYSTEM
		T				ENGTH: 88.7	
STEEL	0		THRU 2"	THRU 4"	THRU 8"	OAFU	TOTALS
			11455	823	77	-1	1
DUCTUE IRON	Δ	97127	11455	823	77	1	109483
DUCTILE IRON COPPER	0	0	0	0	0	0	109483
COPPER	0	0 57902	173	0	0	0	109483 0 58075
COPPER CASTAWROUGHT IRON	0	0 57902	0 173 0	0 0	0	0 0	109483 0 58075
COPPER CASTWROUGHT IRON PLASTIC PVC	0	0 57902 0	0 173 0	0 0	0 0	0 0	109483 0 58075 0
COPPER CASTMROUGHT IRON PLASTIC PVC PLASTIC PE	0 0 0	0 57902 0 0 437868	0 173 0 0	0 0 0 0 514	0 0 0 0	0 0 0 0	109483 0 58075 0 0 453181
COPPER CASTMROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS	0 0 0 0 0	0 57902 0 0 437868	0 173 0 0 14741	0 0 0 0 514	0 0 0 0. 19	0 0 0 0 39	109483 0 58075 0 0 453181
COPPER CASTIWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS	0 0 0 0 0	0 57902 0 0 437868 0	0 173 0 0 14741 0	0 0 0 0 514 0	0 0 0 0. 19	0 0 0 0 39 0	109483 0 58075 0 0 453181 0
COPPER CASTAWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER	0 0 0 0 0	0 57902 0 0 437868 0	0 173 0 0 14741 0 0	0 0 0 514 0	0 0 0 0. 19 0	0 0 0 0 39 0	109483 0 58075 0 0 453181 0
COPPER CASTIWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER ECONDITIONED CAST IRON	0 0 0 0 0	0 57902 0 9 437868 0 0	0 173 0 0 14741 0 0	0 0 0 514 0 0	0 0 0 0. 19 0 0	0 0 0 0 39 0 0	109483 0 68075 0 0 453181 0 0 0
COPPER CASTWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER ECONDITIONED	0 0 0 0 0	0 57902 0 0 437868 0	0 173 0 0 14741 0 0	0 0 0 514 0	0 0 0 0. 19 0	0 0 0 0 39 0	109483 0 58075 0 0 453181 0
COPPER CASTAWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER ECONDITIONED CAST IRON TOTAL	o o o o o o o o o o o o o aterial:	0 57902 0 0 437868 0 0 0	0 173 0 0 14741 0 0 0 0 26369	0 0 0 514 0 0 0	0 0 0 0 19 0 0 0	0 0 0 0 39 0 0 0	109483 0 58075 0 0 453181 0 0
COPPER CASTAWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER ECONDITIONED CAST IRON TOTAL	o o o o o o o o o o o o o aterial:	0 57902 0 0 437868 0 0 0	0 173 0 0 14741 0 0	0 0 0 514 0 0 0	0 0 0 0. 19 0 0	0 0 0 0 39 0 0	109483 0 58075 0 0 453181 0 0

MILES OF MAIN	30.00	677.11	107.39	1071.78	1872,38	1226,66	955.48	1377,42	876.43	589.35	8684
NUMBER OF SERVICES	0	6471	4682	67304	71509	92586	79724	104634	132288	61674	620752

CAUSE OF LEAK		MAINS	SE	RVICES
CAOSE OF LEAR	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	96	8	244	83
NATURAL FORCE DAMAGE	28	4	67	13
EXCAVATION DAMAGE	142	128	774	751
OTHER OUTSIDE FORCE DAMAGE	17	9	66	43
PIPE, WELD OR JOINT FAILURE	364	17	779	163
EQUIPMENT FAILURE	70	3	538	73
INCORRECT OPERATIONS	0	0	1	1
OTHER CAUSE	311	4	682	89

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR: 2233 ·

PART D - EXCAVATION DAMAGE	PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA
1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 833	Total Number Of Services with EFV Installed During Year: 10491
a. One-Call Notification Practices Not Sufficient: 110	Estimated Number Of Services with EFV In the System At End Of Year: 66795
b. Localing Practices Not Sufficient: 391 c. Excavation Practices Not Sufficient: 317	*Total Number of Manual Service Line Shut-off Valves Installed During Year: 824
d. Olher: 15	* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 824
	*These questions only pertain to reporting years 2017 & beyond.
2. NUMBER OF EXCAVATION TICKETS : 261317	
PART F - LEAKS ON FEDERAL LAND	PART G-PERCENT OF UNACCOUNTED FOR GAS
TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: 0	UNACCOUUNTED FOR GAS AS A PERCENT OF TOTAL INPUT FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR. INPUT FOR YEAR ENDING 6/30: 2.7%
PART H - ADDITIONAL INFORMATION	

Nicole Christianer, Manager, Pipeline Safety (Preparer's Name and Title)	(314) 349-2929 (Area Code and Telephone Number)

exceed 100.00	10 for each v	uired by 49 CF iolation for each 1,000,000 as pr	h day that suci	h violation pe	rt can result in rsists except ti	a civil penalty at the maxim	not to om civil			2137-0629 ION DATE: 1/31/2018	
<i>i</i>							itial Date ibmitted:				
U.S Pine	Departmen	nt of Transpor exardous Ma	tallon Iorials Safet	v Administr	alion	Fo	rm Typo:		INITIAL		
ripe	, and and the	szardous ma	iteriais Galet	y raininiou	200)1	S	Date ibmitted:				
information su Number for thi time for review mandatory. S Collection Cle	bject to the n is information ring instruction and commen avance Office	equirements of a collection is 2 one, gathering t als regarding the er, PHMSA, Off	the Paperwor 137-0629. Pu he data needs is burden estir ice of Pipeline	GA rson is not re k Reduction / blic reporting ad, and comp mate or any o Safety (PHP	Act unless that for this collect letting and revident ther aspect of -30) 1200 New	AR YEAR BUTION: ond to, nor sha collection of information of informations the collection of Jersey Aven	2017 SYSTEM Ill a person be sunformation displaid ion is estimated tection of Information, la ue, SE, Washing	ays a current to be approxition. All respinctuding suggistion, D.C. 205	valid OMB (mately 16 h onses to this estions for r 90.	ure to comply with a co Control Number. The C ours per response, inc s collection of informati reducing this burden to	omb Control luding the on are : Information
examples. I	f you do no	d the separat I have a copy ov/pipeline/lil	of the instr	s for comple sclions, you	eling this form can obtain o	n before you ne from the	rbegin, They o PHMSA Pipeli	danly the in Ine Safety C	ormation i community	equesied and provide Web Page at	ue specilic
PART/A = 0	PERATOR	INFORMATI	ON			TO0)	use only)	京都 告格		The state of the s	der Berger von der eine der ei
1. Name of	Operator					***************************************	SPIRE MISSO	OURLING. V	VEST		
		FICE (WHER AY BE OBT/		AAL						,	
	?a. Street A	ddress.				Ī	700 MARKET				
2	b. City and	County					SAINT LOUIS				
2	c. State						МО				
7	d. Zip Cod	ė		,			63101				
3. OPERA	TOR'S 5 DI	GIT IDENTIF	ICATION N	JMBER			30769				
4. HEADQ	UARTERS	NAME & ADI	DRESS							-	
4	la. Street A	ddress					700 MARKET	STREET			
4	lb. City and	County			,		SAINT LOUIS	;			
4	ic. State						мо				
	ld. Zip Cod	e					63101				
5. STATE	N WHICH	SYSTEM OP	ERATES				МО				
6. THIS RE	PORT PEI	RTAINS TO 1	THE FOLLO	WING COM File a sepa	MODITY GR	OUP (Selection of the company of the	t Commodity (nodity Group i	Group base included in l	d on the pi his OPID.)	redominant gas carr	ied and
Natural Ga	s										
7. THIS RE	PORT PEI	RTAINS TO T for which this	THE FOLLO	WING TYPI ing submitte	E OF OPER# d.):	TOR (Selec	t Type of Ope	relör based	on the sta	ucture of the compa	ny
Investor O	vned										
PART B - S	/STEM DE	SCRIPTION		2 (3 (3) (2)	to the less as			for the rose out	Service of the	nasana da karasan da da	146 (20.21.22
1.GENERAL					s'.						
	UNPRO BARE	STECTED COATED	CATHOD PROTE BARE		PLASTIC	CAST/ WROUGH IRON	DUCTILE	COPPER	OTHER	RECONDITION ED CAST IRON	SYSTEM TOTAL
MILES OF	PARE	OVATED	930.21	3471.56	4076.69	264.96					8743.42
MAIN NO. OF	1417	3746	6811	21929	473738			487			508126
SERVICES	,	* , ,		1		L]	l	<u> </u>	L	L

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	1778,92	1478.99	801.49	215.85	126.52	4401.77
DUCTILE IRON	0	0.	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CASTAVROUGHT IRON	0	0	77,77	136,51	36.61	14.07	264.96
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	2491.41	1340.77	231.88	8.48	4.15	4076.69
PLASTIC ABS	0	0	0	0	ø	0	0
PLASTIC OTHER	0	0	0	0.	0	0	0
OTHER	0	0	0	0.	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL.	0	4270.33	2897,53	1169.88	260.94	144.74	8743.42
Describe Other M	iateriai;						
NIIMBED OF SED	ATCES IN SYSTEM	AT END OF YEAR	11.7	LAN	EDAGE CEDIACE I	ENOTH 24 NO	
3.NUMBER OF SER MATERIAL	VICES IN SYSTEM A	T END OF YEAR	OVER 1"	OVER 2"	VERAGE SERVICE L		SYSTEM
	T	I		OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
MATERIAL	пикиоми	1" OR LESS	OVER 1" THRU 2" 13392	OVER 2" THRU 4" 327	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS 33903
MATERIAL STEEL DUCTILE IRON	UNKNOWN 0	1" OR LESS 20125	OVER 1" THRU 2" 13392	OVER 2" THRU 4"	OVER 4" THRU 8" 51	6 0	SYSTEM TOTALS 33903
MATERIAL STEEL DUCTILE IRON COPPER CASTAWROUGHT	0 0 UNKNOWN	1" OR LESS 20125 0 194	OVER 1" THRU 2" 13392 0 293	OVER 2" THRU 4" 327 0	OVER 4" THRU 8" 51 0	6 0	33903 0 487
MATERIAL STEEL DUCTILE IRON COPPER CASTAVROUGHT IRON	0 0 0	1" OR LESS 20125 0 194	OVER 1" THRU 2" 13392 0 293	OVER 2" THRU 4" 327 0 0	OVER 4" THRU 8" 51 0 0	0 OVER 8"	33903 0 487
MATERIAL STEEL DUCTILE IRON COPPER CASTAVROUGHT IRON PLASTIC PVC	0 0 0 0	1" OR LESS 20125 0 194 0	OVER 1" THRU 2" 13392 0 293 0	OVER 2" THRU 4" 327 0 0 0	OVER 4" THRU 8" 51 0 0 0	0 OVER 8"	33903 0 487 0
MATERIAL STEEL DUGTILE IRON COPPER CASTAVROUGHT IRON PLASTIC PVC PLASTIC PE	0 0 0 0 0	1" OR LESS 20125 0 194 0 0 451689	OVER 1" THRU 2" 13392 0 293 0 21795	OVER 2" THRU 4" 327 0 0 0 235	OVER 4" THRU 8" 51 0 0 0 18	0 0 0 0 0 1	33903 0 487 0 473736
MATERIAL STEEL DUCTILE IRON COPPER CASTAVROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS	0 0 0 0 0 0	1" OR LESS 20125 0 194 0 0 451689	OVER 1" THRU 2" 13392 0 293 0 21795	OVER 2" THRU 4" 327 0 0 0 235	OVER 4" THRU 8" 51 0 0 0 18	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SYSTEM TOTALS 33903 0 487 0 473736
MATERIAL STEEL DUCTILE IRON COPPER CASTAVROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS	0 0 0 0 0 0 0	1" OR LESS 20125 0 194 0 0 451689 0	OVER 1" THRU 2" 13392 0 293 0 21795 0	OVER 2" THRU 4" 327 0 0 0 235 0 0	OVER 4" THRU 8" 51 0 0 0 18	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SYSTEM TOTALS 33903 0 487 0 473736 0
MATERIAL STEEL DUCTILE IRON COPPER CASTAVROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1" OR LESS 20125 0 194 0 0 451689 0 0	OVER 1" THRU 2" 13392 0 293 0 21795 0 0	OVER 2" THRU 4" 327 0 0 0 0 235 0 0 0	OVER 4" THRU 8" 51 0 0 0 18 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SYSTEM TOTALS 33903 0 487 0 473736 0 0
MATERIAL STEEL DUCTILE IRON COPPER CASTAVROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER ECONDITIONED CAST IRON	0 0 0 0 0 0	1" OR LESS 20125 0 194 0 0 451689 0 0 0	OVER 1" THRU 2" 13392 0 293 0 21795 0 0 0	OVER 2" THRU 4" 327 0 0 0 0 235 0 0 0	OVER 4" THRU 8" 51 0 0 0 18 0 0 10 0 0 10 0 0 0 0 0 0	OVER 8" 8 0 0 0 1 0 0 0 0 0 0 0 0 0	SYSTEM TOTALS 33903 0 487 0 473736 0 0 0
MATERIAL STEEL DUCTILE IRON COPPER CASTAVROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER CECONDITIONED CAST IRON TOTAL	0 0 0 0 0 0 0	1" OR LESS 20125 0 194 0 0 451689 0 0	OVER 1" THRU 2" 13392 0 293 0 21795 0 0	OVER 2" THRU 4" 327 0 0 0 0 235 0 0 0	OVER 4" THRU 8" 51 0 0 0 18 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8YSTEM TOTALS 33903 0 487 0 473736 0 0
MATERIAL STEEL DUCTILE IRON COPPER EASTAVROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER ECONDITIONED CAST IRON TOTAL	UNKNOWN O O O O O O O O O O O O O O O O O	1" OR LESS 20125 0 194 0 0 451689 0 0 0	OVER 1" THRU 2" 13392 0 293 0 21795 0 0 35480	OVER 2" THRU 4" 327 0 0 0 0 235 0 0 0	OVER 4" THRU 8" 51 0 0 0 18 0 0 10 0 0 10 0 0 0 0 0 0	OVER 8" 8 0 0 0 1 0 0 0 0 0 0 0 0 0	SYSTEM TOTALS 33903 0 487 0 473736 0 0 0

MILES OF MAIN	5,92	913.84	151.32	840.14	1671.18	1050.16	930,93	1324.84	1148.46	706.63	8743.42
NUMBER OF SERVICES	0	2465	470	6440	13792	48021	97141	216544	88307	35946	508126
PART G - TO	TAL LEAK	S AND HAZ	ARDOUS LE	AKS ELIMII	NATED/REP/	URED DURI	OTHE YEA	IR 💮			
					MAINS			•	SERVICE	s	
CA	USE OF LE	AK	7	OTAL	н	AZARDOUS		TOTAL		HAZARDO	วบร
CORF	ROSION FAI	LURE		210		15		15		10	
NATURA	L FORCE I	AMAGE	-	97		20		115		65	
EXCA'	VATION DA	MAGE		201		195		731		721	
OTHER	OUTSIDE (ORCE		15		6		70		64	
PIPE, WEL	D OR JOIN	T FAILURE		158		18		156		48	,
EQUI	PMENT FAI	LURE ,		25		4		5		1	
INCORF	RECT OPER	ATIONS		1		0		5		0	
0	THER CAUS)C	<u> </u>	79		2		0		0	
	KNOWN SY	STEM LEAKS	AT END OF		ULED FOR RE	PAIR: 919 PARTE + E)		W VALUE (E		RVICE VALV	
PART D - EX	CAVATION CAVATI	DAMAGE: EXCAVATIO Practices Not t Sufficient:	N DAMAGE I Sufficient: 449	YEAR SCHED		PAIR: 919 PART E - E: Total Number Estimated N 59461 * Total Num Year: 110 * Estimated in teleplaced in teleplaced.	er Of Service umber Of Se ber of Manua Number of S he System a		stalled During FV In the Sys Shut-off Val Janual Service 110	Year: 153 Hem At End of Hes Installed	743 Of Year: During off Valves
PART D. EX. 1. TOTAL NURCOOT CAUS a. One-Call b. Localing F c. Excavation d. Other: 9	CAVATION CAVATI	DAMAGE EXCAVATIO Practices Not t Sufficient: Not Sufficien	N DAMAGE I Sufficient: 449 I: 301	YEAR SCHED		PAIR: 919 PART E - E: Total Number Estimated N 59461 * Total Num Year: 110 * Estimated Installed in t	er Of Service umber Of Se ber of Manua Number of S he System a	WVALUE (E s with EFV in rvices with E il Service Line ervices with t i End of Year	stalled During FV In the Sys e Shut-off Val denual Service 110	PRICE VALVE (15) Year: 15; stem At End of the line Shutars 2017 &	743 Of Year: During off Valves
PART D. EX. 1. TOTAL NURCOOT CAUS a. One-Call b. Localing F c. Excavation d. Other: 9	CAVATION CAVATI	DAMAGE EXCAVATIO Practices Not t Sufficient: Not Sufficien	N DAMAGE I Sufficient: 449 I: 301	YEAR SCHED		PAIR: 919 PARTE - E: Total Number Estimated N 59461 * Total Num Year: 110 * Estimated Installed In the sequence of the sequ	er Of Service umber Of Se ber of Manua Number of S he System a postions only	WVALUE (E s with EFV in rvices with E il Service Line ervices with I il End of Year v pertain to r	stalled During FV In the Sys e Shut-off Val Annual Service 110 eporting yea	RVICE VALV) Year: _15 dem At End d lives installed the Line Shut- ars 2017 &	743 Of Year: I During off Valves
PART D - EX 1. TOTAL NU ROOT CAUS a. One-Call b. Locating F c. Excavatio d. Other: 9 2. NUMBER PART F - LE	CAVATION CAVATI	DAMAGE EXCAVATIO Practices Not t Sufficient: Not Sufficient ATION TICKE DERAL LAN	N DAMAGE I Sufficient: 449 I: 301	YEAR SCHED	RENT	PART E = E) Total Number Estimated N 59461 * Total Num Year: 110 * Estimated in t *These que PART G-PE UNACCOUNTHE 12 MO	er Of Service umber Of Se ber of Manua Number of S he System a positions only RCENT OF	WVALUE (E s with EFV in rvices with E il Service Line ervices with t i End of Year	stalled During FV In the Sys Shut-off Val Annual Service: 110 Eporting yea FED FOR GA ERCENT OF THE REP	RVICE VALV) Year: 15; Item At End of the Line Shul- ars 2017 & S TOTAL INP	743 Of Year: During off Valves beyond.

PARTI - PREPARER	
Nicole Christianer,Manager, Pipeline Safety (Preparer's Name and Title)	(314) 349-2929 (Area Code and Telephone Number)
nicole.christianer@spireenrgy.com (Preparer's email address)	(Area Code and Facsimile Number)

	EXPIRATION DATE: 10/31/2021
initial Date Submitted:	03/15/2017
Form Type:	SUPPLEMENTAL
Date Submitted:	12/26/2018
_	Submitted: Form Type: Date

ANNUAL REPORT FOR CALENDAR YEAR 2016 GAS DISTRIBUTION SYSTEM

GAS DISTRIBUTION STOREM

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 for this information collection is 2137-0629. Public reporting for this collection of information is estimated to be approximately 16 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/pipelinefibrery/forms.

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1. Name o	Operator					•	LACLEDE GA	e co			
2. LOCATI INFOR	ON OF OF MATION M	FICE (WHER	RE ADDITION NINED)	NAL							
	2a. Street A	ddress					700 MARKET				
:	2b. City and	l County					SAINT LOUIS				
	c. Stale						МО				
:	2d. Zip Cod	e					63101				
3. OPERA	TOR'S 5 DI	GIT IDENTIF	ICATION N	UMBER			11032				
4. HEADQ	UARTERS	NAME & AD	DRESS								
	fa, Street A	ddress					700 MARKET	STREET			
	ib. Cily and	County					SAINT LOUIS				
	ic State						MO				
-	ld. Zip Cod	0					63101				
5. STATE	N WHICH	SYSTEM OP	ERATES				МО				
6. THIS RE	PORT PE	RTAINS TO	THE FOLLO	WING COM File a sepai	MODITY GI	ROUP (Selector each Com	ct Commodity (modity Group I	Group base Included in I	d on the pr his OPID.)	edominant gas carr	ied and
Natural Ga	\$										
included in	this OPID	RTAINS TO T				ATOR (Sele	ol Type of Ope	rator based	on the sin	iclure of the compa	ny
Investor O		SCRIPTION	economic statem (non same)	esystycusik nich			Keesa (da is anno sa mes				
wik by will but	(SIEM DE			eron de loge de l			1620 222-777-677-52				
I.GENERAL	, , <u>,</u>	ST	EEL		· · · · · · · · · · · · · · · · · · ·	· · · · · ·			1		T
	UNPRO	TECTED	CATHOE PROTE		PLASTIC	CAST/ WROUGH IRON	DUCTILE	COPPER	OTHER	RECONDITION ED CAST IRON	SYSTEM TOTAL
	BARE	COATED	BARE	COATED		IRON				NOM 1640	
MILES OF MAIN			25	4024.05	4013.64	587.27		.54			8850,5
NO. OF SERVICES	4706			106724	445050			61002			617482

PRAYMOLAL	i	1	A1 ## A11	A1.000 111			1
MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	2529.61	525.91	893.12	80.85	19.66	4049.05
DUCTILE IRON	0	0	q	0	0	0	. 0
COPPER	0	.54	Ó	0	0	0	.54
CASTAVROUGHT IRON	0	0	174.70	244.17	116.39	52.01	587,27
PLASTIC PVC	0	0 .	0	0	0	0	· 0
PLASTIC PE	0	2960,34	787.14	252,44	13.72	0	4013.64
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	ó	0	0
OTHER	0	o	O	0	0	0	0
ECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	5490.39	1487.75	1389.73	210.96	71.67	8650.5
NIIMBED OF SED	ACES IN SVETER A	TEND OF VEAD		1	// A A A A A A A A A A A A A A A A A A		
NUMBER OF SER	VICES IN SYSTEM A UNKNOWN	T END OF YEAR	OVER 1"	OVER 2"	/ERAGE SERVICE L OVER 4"	ENGTH: 66.7 OVER 8"	SYSTEM
			· · · · · · · · · · · · · · · · · · ·		·	T	SYSTEM TOTALS
MATERIAL STEEL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS 111430
MATERIAL STEEL	UNKNOWN	1" OR LESS 98108	OVER 1" THRU 2" 12360	OVER 2" THRU 4" 880	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS 111430 0
MATERIAL STEEL DUCTILE IRON COPPER ASTAWROUGHT	UNKNOWN 0	1" OR LESS 98108	OVER 1" THRU 2" 12360	OVER 2" THRU 4" 880	OVER 4" THRU 8" 81	OVER 8"	SYSTEM TOTALS 111430 0 61002
MATERIAL STEEL DUCTILE IRON COPPER ASTAWROUGHT IRON	UNKNOWN 0 0	1" OR LESS 98108 0 60793	OVER 1" THRU 2" 12360 0	OVER 2" THRU 4" 880 0	OVER 4" THRU 8" 81 0	OVER 8" 1 0 0	SYSTEM TOTALS 111430 0 61002
MATERIAL STEEL DUCTILE IRON COPPER ASTAWROUGHT IRON	UNKNOWN 0 0 0 0	1" OR LESS 98108 0 60793	OVER 1" THRU 2" 12360 0 209	OVER 2" THRU 4" 880 0 0	OVER 4" THRU 8" 81 0 0	OVER 8" 1 0 0	SYSTEM TOTALS 111430 0 61002 0
MATERIAL STEEL DUCTILE IRON COPPER ASTAWROUGHT IRON PLASTIC PVC PLASTIC PE	UNKNOWN 0 0 0 0 0 0	1" OR LESS 98108 0 60793 0	OVER 1" THRU 2" 12360 0 209 0	OVER 2" THRU 4" 880 0 0 0 0	OVER 4" THRU 8" 81 0 0 0 0	OVER 8" 1 0 0 0 0	SYSTEM TOTALS 111430 0 61002 0 0 445050
MATERIAL STEEL DUGTILE IRON COPPER ASTAWROUGHT IRON PLASTIC PVC	UNKNOWN 0 0 0 0 0 0 0	1" OR LESS 98108 0 60793 0 0 430314	OVER 1" THRU 2" 12360 0 209 0 . 0 14180	OVER 2" THRU 4" 880 0 0 0 0 516	OVER 4" THRU 8" 81 0 0 0 17	OVER 8" 1 0 0 0 0 23	SYSTEM TOTALS 111430 0 61002 0 0 445050
MATERIAL STEEL DUCTILE IRON COPPER ASTAWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS	UNKNOWN 0 0 0 0 0 0 0 0	1" OR LESS 98108 0 60793 0 0 430314 0 0	OVER 1" THRU 2" 12360 0 209 0 . 0 14180	OVER 2" THRU 4" 880 0 0 0 0 516	OVER 4" THRU 8" 81 0 0 0 17	OVER 8" 1 0 0 0 0 23 0 0	SYSTEM TOTALS 111430 0 61002 0 0 445050 0
MATERIAL STEEL DUCTILE IRON COPPER ASTAWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS LASTIC OTHER OTHER	UNKNOWN 0 0 0 0 0 0 0 0 0	1" OR LESS 98108 0 60793 0 0 430314 0 0	OVER 1" THRU 2" 12360 0 209 0 . 0 14180 0	OVER 2" THRU 4" 880 0 0 0 0 516 0	OVER 4" THRU 8" 81 0 0 0 17 0 0	OVER 8" 1 0 0 0 0 23 0 0 0	SYSTEM TOTALS 111430 0 61002 0 0 445050 0 0
MATERIAL STEEL DUCTILE IRON COPPER ASTAWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS LASTIC OTHER OTHER	UNKNOWN 0 0 0 0 0 0 0 0 0 0 0	1" OR LESS 98108 0 60793 0 0 430314 0 0	OVER 1" THRU 2" 12360 0 209 0 . 0 14180 0 0	OVER 2" THRU 4" 880 0 0 0 0 516 0 0 0	OVER 4" THRU 8" 81 0 0 0 17 0 0 0 0 0 0 0 0	OVER 8" 1 0 0 0 23 0 0 0 0	SYSTEM TOTALS 111430 0 61002 0 0 445050 0 0 0
MATERIAL STEEL DUCTILE IRON COPPER ASTAVROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS ASTIC OTHER OTHER CONDITIONED CAST IRON TOTAL	UNKNOWN 0 0 0 0 0 0 0 0 0 0 0 0 0	1" OR LESS 98108 0 60793 0 0 430314 0 0 0	OVER 1" THRU 2" 12360 0 209 0 . 0 14180 0 0	OVER 2" THRU 4" 880 0 0 0 516 0 0	OVER 4" THRU 8" 81 0 0 0 17 0 0	OVER 8" 1 0 0 0 0 23 0 0 0	SYSTEM TOTALS 111430 0 61002 0 0 445050 0 0
MATERIAL STEEL DUCTILE IRON COPPER ASTAVROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS ASTIC OTHER OTHER CONDITIONED CAST IRON TOTAL SCIIbe Other Ma	UNKNOWN 0 0 0 0 0 0 0 0 0 0 0 terial:	1" OR LESS 98108 0 60793 0 0 430314 0 0 0	OVER 1" THRU 2" 12360 0 209 0 . 0 14180 0 0 0 26749	OVER 2" THRU 4" 880 0 0 0 0 516 0 0 0	OVER 4" THRU 8" 81 0 0 0 17 0 0 0 0 0 0 0 0	OVER 8" 1 0 0 0 23 0 0 0 0	SYSTEM TOTALS 111430 0 61002 0 0 445050 0 0 0

MILES OF MAIN	36.24	629.43	108.79	1075.69	1879.60	1229.18	957.14	1379.99	877.88	476.56	8650.5
NUMBER OF SERVICES	0	7015	1846	68763	73674	94333	80625	105248	132779	50199	617482

		MAINS	SERVICES		
CAUSE OF LEAK	TOTAL	HAZARDOUS	TOTAL .	HAZARDOUS	
CORROSION FAILURE	92	12	233	70	
NATURAL FORCE DAMAGE	88	16	220	63	
EXCAVATION DAMAGE	117	111	658	644	
OTHER OUTSIDE FORCE DAMAGE	14	8	104	65	
PIPE, WELD OR JOINT FAILURE	238	18	687	117	
EQUIPMENT FAILURE	45	4	409	87	
INCORRECT OPERATIONS	0	0	0	0	
OTHER CAUSE	464	9	979	139	

PART D - EXCAVATION DAMAGE	PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA
1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE:	Total Number Of Services with EFV Installed During Year: 10128
a. One-Call Notification Practices Not Sufficient: 110	Estimated Number Of Services with EFV in the System At End Of Year: 56304
b. Locating Practices Not Sufficient: 306 c. Excavation Practices Not Sufficient: 297	* Total Number of Manual Service Line Shut-off Valves Installed During Year:
d. Other: <u>36</u>	* Estimated Number of Services with Manual Service Line Shut-off Valves installed in the System at End of Year:
	*These questions only pertain to reporting years 2017 & beyond.
2. NUMBER OF EXCAVATION TICKETS : 260157	
PART F - LEAKS ON FEDERAL LAND	PART G-PERCENT OF UNACCOUNTED FOR GAS
TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: 0	UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL CONSUMPTION FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR.
	INPUT FOR YEAR ENDING 6/30: 2.3%
PART H - ADDITIONAL INFORMATION	

The data in Part C (Total Leaks) was updated to correct the information submitted on the supplemental report.

PARTI-PREPARER	
Nicole Christianer, Manager Pipeline Safety - Dist (Preparer's Name and Title)	(314) 349-2929 (Area Code and Telephone Number)
nicole.christianer@sp!reenergy.com (Preparer's email address)	(Area Code and Facsimile Number)

03/15/2017
SUPPLEMENTAL
12/26/2018
ied: R

GAS DISTRIBUTION SYSTEM

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 faiture 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 2137-0629. Public reporting for this collection of information is estimated to be approximately 16 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.dof.gov/pipeline/library/forms.

PART A - OPERATOR INFORMATION	(DOT use only)	20177310-37010
1. Name of Operator	MISSOURI GAS	ENERGY
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)		,
2a. Street Address	700 MARKET	
2b. City and County	SAINT LOUIS	
2c. State	МО	
2d, Zip Code	63101	
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	30769	
4. HEADQUARTERS NAME & ADDRESS		
4a. Street Address	700 MARKET ST	REET
4b. Cily and County	SAINT LOUIS	
4c. State	МО	
4d. Zip Code	63101	
5. STATE IN WHICH SYSTEM OPERATES	МО	
6. THIS REPORT PERTAINS TO THE FOLLOWING COMMODIT complete the report for that Commodity Group. File a separate rep	TY GROUP (Select Commodity Gro port for each Commodity Group incl	up based on the predominant gas cerned and indeed in this OPID.)
Natural Gas		
7: THIS REPORT PERTAINS TO THE FOLLOWING TYPE OF O Included in this OPID for which this report is being submitted.):	PERATOR (Select Type of Operato	r based on the structure of the company
Investor Owned		
PART B - SYSTEM DESCRIPTION		

1.GENERAL

		\$T	EEL						,		
	UNPROTECTED		CATHODICALLY PROTECTED		PLASTIC	CAST/ WROUGHT	DUCTILE IRON	COPPER	OTHER	RECONDITION ED	SYSTEM TOTAL
	BARE	COATED	BARE	COATED		IRON				CASTIRON	
MILES OF MAIN			1017.99	3520.28	3820.14	288,88					8647.29
NO. OF SERVICES	1903	3235	6792	23655	467008			230			502823

MATERIAL	UNKNOWN	2" OR LESS	OVER 2"	OVER 4"	OVER 8"	OVED 429	SYSTEM
,		2 OK 1233	THRU 4"	THRU 8"	THRU 12"	OVER 12"	TOTALS
STEEL	0	1846.56	1531.33	807.31	227.37	125.70	4538.27
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CASTAVROUGHT IRON	0	0	63,65	153.05	38,06	14.12	288.88
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	2339.87	2339.87 1261.94 205.71		8.47	4.15	3820.14
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	. 0	Ó
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	4186.43	2876.92	1166.07	273.9	143.97	8647.29
Describe Other M	aterial:						
NUMBER OF SER	/ICES IN SYSTEM A	T END OF YEAR	N. I	A	VERAGE SERVICE LI	ENGTH: 67.6	
D.NUMBER OF SERV	лсея ін System A Unknown	T END OF YEAR	OVER 1" THRU 2"	OVER 2"	OVER 4"	ENGTH: 67,6 OVER 8"	SYSTEM
			OVER 1" THRU 2" 13189	T		1	SYSTEM TOTALS 35585
MATERIAL	инкиоми	1" OR LESS	THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	TOTALS
MATERIAL STEEL	0	1" OR LESS 21970	13189	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	35585
MATERIAL STEEL DUCTILE IRON COPPER	0 UNKNOWN	1" OR LESS 21970 0	13189 0	OVER 2" THRU 4" 368	OVER 4" THRU 8" 51	OVER 8" 7 0	35585 0
MATERIAL STEEL DUCTILE IRON COPPER CASTAWROUGHT	0 0 0	1" OR LESS 21970 0 110	13189 0 120	OVER 2" THRU 4" 368 0	OVER 4" THRU 8" 51 0	7 0 0	35585 0 230
MATERIAL STEEL DUCTILE IRON COPPER CASTAWROUGHT IRON	0 0 0 0	1" OR LESS 21970 0 110	13189 0 120	OVER 2" THRU 4" 368 0 0	OVER 4" THRU 8" 51 0 0	7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	35585 0 230
MATERIAL STEEL DUCTILE IRON COPPER CASTAWROUGHT IRON PLASTIC PVC	0 0 0 0 0	1" OR LESS 21970 0 110 0	13189 0 120 0	OVER 2" THRU 4" 368 0 0 0	OVER 4" THRU 8" 51 0 0 0	OVER 8" 7 0 0 0 0	35585 0 230 0
MATERIAL STEEL DUCTILE IRON COPPER CASTAWROUGHT IRON PLASTIC PVC PLASTIC PE	0 0 0 0 0 0	1" OR LESS 21970 0 110 0 445058	THRU 2" 13189 0 120 0 21717	OVER 2" THRU 4" 368 0 0 0 218	OVER 4" THRU 8" 51 0 0 0 14	OVER 8" 7 0 8 0 1	35585 0 230 0 0 467008
MATERIAL STEEL DUCTILE IRON COPPER CASTAVROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS	UNKNOWN 0 0 0 0 0 0 0 0 0	1" OR LESS 21970 0 110 0 445058	0 120 0 21717 0	OVER 2" THRU 4" 368 0 0 0 218	OVER 4" THRU 8" 51 0 0 0 14	OVER 8" 7 0 8 0 1	70TALS 35585 0 230 0 467008
MATERIAL STEEL DUCTILE IRON COPPER CASTAWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER	UNKNOWN 0 0 0 0 0 0 0 0 0 0	1" OR LESS 21970 0 110 0 445058 0	THRU 2" 13189 0 120 0 21717 0 0	OVER 2" THRU 4" 368 0 0 0 218 0	OVER 4" THRU 8" 51 0 0 0 14 0 0	OVER 8" 7 0 8 0 1 0 6	70TALS 35585 0 230 0 467008 0
MATERIAL STEEL DUCTILE IRON COPPER CASTAWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER	UNKNOWN 0 0 0 0 0 0 0 0 0 0 0 0	1" OR LESS 21970 0 110 0 445058 0 0	THRU 2" 13189 0 120 0 21717 0 0 0	OVER 2" THRU 4" 368 0 0 0 218 0 0	OVER 4" THRU 8" 51 0 0 0 14 0 0	OVER 8" 7 0 8 0 1 0 0 1 0 0	70TALS 35585 0 230 0 467008 0 0
MATERIAL STEEL DUCTILE IRON COPPER CASTAVROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER ECONDITIONED CAST IRON	UNKNOWN 0 0 0 0 0 0 0 0 0 0 0 0 0	1" OR LESS 21970 0 110 0 445058 0 0 0	THRU 2" 13189 0 120 0 21717 0 0 0	OVER 2" THRU 4" 368 0 0 0 218 0 0	OVER 4" THRU 8" 51 0 0 0 14 0 0 0 14	OVER 8" 7 0 6 0 1 0 0 0 1 0 0 0 0 0 0	70TALS 35585 0 230 0 467008 0 0 0
MATERIAL STEEL DUCTILE IRON COPPER ASTAWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER ECONDITIONED CAST IRON TOTAL	UNKNOWN O O O O O O O O O O O O O O O O O	1" OR LESS 21970 0 110 0 445058 0 0 0 467138	THRU 2" 13189 0 120 0 21717 0 0 0	OVER 2" THRU 4" 368 0 0 0 218 0 0	OVER 4" THRU 8" 51 0 0 0 14 0 0 0 14	OVER 8" 7 0 0 0 1 0 0 0 1 0 8	70TALS 35585 0 230 0 467008 0 0 0

MILES OF MAIN	5.92	980.10	160.21	900.35	1686.26	1057.38	939.66	1327.69	1147.27	142.45	8647.29
NUMBER OF SERVICES	0	2935	540	5697	14374	48727	97558	217139	88129	27724	502823

CAUSE OF LEAK		MAINS	SERVICES		
OAGOL OF LEAR	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS	
CORROSION FAILURE	126	18	12	3	
NATURAL FORCE DAMAGE	56	17	72	30	
EXCAVATION DAMAGE	189	187	589	585	
OTHER OUTSIDE FORCE DAMAGE	5	3	61	55	
PIPE, WELD OR JOINT FAILURE	73	6	101	30	
EQUIPMENT FAILURE	6	0	4	1	
INCORRECT OPERATIONS	3	1	13	7	
OTHER CAUSE	356	18	135	59	

PART D - EXCAVATION DAMAGE	PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA				
1, TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 821	Total Number Of Services with EFV Installed During Year: 11189				
a. One-Call Notification Practices Not Sufficient: 152	Estimated Number Of Services with EFV In the System At End Of Year: 43718				
b. Localing Practices Not Sufficient: 349	A Talal Mumber of Manual Danie - Lian Phul of Water to tailed During				
c. Excavation Practices Not Sufficient: 311	* Total Number of Manual Service Line Shut-off Valves Installed During Year:				
d. Other: 9	* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year:				
•	*These questions only pertain to reporting years 2017 & beyond.				
2. NUMBER OF EXCAVATION TICKETS : 275939					
PART F - LEAKS ON FEDERAL LAND	PART G-PERCENT OF UNACCOUNTED FOR GAS				
TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: 0	UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL CONSUMPTION FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR. INPUT FOR YEAR ENDING 6/30:				

PART H - ADDITIONAL INFORMATION

The data in Part C (Total Leaks) was updated to correct the information submitted on the supplemental report.

T1-PREPARER	
Nicole Christlaner,Manager Pipeline Safety - Dist (Preparer's Name and Tille)	(314) 349-2929 (Area Code and Telephone Number)
nicole.christianer@spłreenergy.com (Preparer's email address)	(Area Code and Facsimile Number)

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exceed 100,0	000 for each	quired by 49 C violation for ea \$1,000,000 as	ch day that su	ch violation p	ort can résult i ersists excapt	n a civil pena that the maxi	ity nol lo num civil): 2137-0629 TION DATE: 5/31/2011	8	
ØD.							nitial Date Submitted:		03/15/2	016		
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PARTA - C	OPERATOR	INFORMAT	ION			(00)	(use only)		2016584	16-28628		
ļ	of Operator						LACLEDE G	AS CO				
2. LOCAT	TON OF OF RMATION N	FICE (WHEI MAY BE OBT	RE ADDITIO (AINED)	NAL.								
	2a. Street /	\ddress					700 MARKE	Т				
ļ	2b. City an	d County					SAINT LOUI	S				
	2c. State						МО					
ļ	2d. Zip Coo	ie					63101					
3. OPERA	TOR'S 5 D	IGIT IDENTI	FICATION N	UMBER			11032					
4. HEADQ	UARTERS	NAME & AD	DRESS									
	4a. Street A	Address					700 MARKE	TSTREET				
	4b. City and	d County			-		SAINT LOUI	\$				
	4c. State						МО					
	4d. Zip Cod	le	,		_		63101					
5. STATE	IN WHICH	SYSTEM OF	PERATES				MÓ					
complete t	the report fo	RTAINS TO	THE FOLLO odily Group.	WING COM File a sepa	IMODITY GF rale report fo	ROUP (Sele reach Con	ct Commodity Imodity Group	Group base Included in t	d on the pi his OPID.)	redominant gas cau	ied and	
Natural Ga				·					<u>.</u>			
		RTAINS TO				ATOR (Sele	ct Type of Ope	erator based	on the sta	iclure of the compa	ny	
investor O	wned											
PART B - S	YSTEM DE	SCRIPTION								en en er formet Yekry Progress en en er en en		
1.GENERAL	· ·		<u> </u>						·			
	UNPRO	ST OTECTED	EEL CATHOD		D) 407/2	CAST/	DUCTILE	00005-	OTHER	RECONDITION	SYSTEM	
	BARE	COATED	PROTE BARE	COATED	PLASTIC	WROUGH IRON	IRON	COPPER	OTHER	CAST IRON	TOTAL	
MILES OF			25,0	4032.85	3908.65	621.84		.54	ļ		8588.88	
NO, OF SERVICES	5442			108326	435941			64202	<u> </u>		613911	
	L	L	ــــــــــــــــــــــــــــــــــــــ	ž	L	1		.1	<u> </u>	L	J	

	T .	T	1				
MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	2532.86	526.2	900,87	78.25	19.67	4057.85
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	o	.54	0	0	0	0	,54
CASTWROUGHT IRON	0	0	183.46	265.14	119.7	53.64	621.84
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	2901.08	765.02	231.14	11.41	0	3908.65
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	o	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL.	0	5434.48	1474.68	1397.15	209,38	73.21	8588.88
		<u> </u>		***************************************			
NUMBER OF SER	VICES IN SYSTEM	T END OF YEAR		ΙΔ'	VERAGE SERVICE I	FNGTH- 64 7	
	VICES IN SYSTEM A	AT END OF YEAR .	OVER 1"	OVER 2"	VERAGE SERVICE L OVER 4" THRU 8"	ENGTH: 64.7 OVER 8"	SYSTEM
NUMBER OF SER		1		r		T	·
NUMBER OF SER	инкиоми	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
NUMBER OF SER MATERIAL STEEL	0	1" OR LESS 99145	OVER 1" THRU 2" 13572	OVER 2" THRU 4" 962	OVER 4" THRU 8"	OVER 8"	SYSTEM YOTALS 113768
MATERIAL STEEL DUCTILE IRON COPPER	0 0 UNKNOWH	1" OR LESS 99145 0	OVER 1" THRU 2" 13572	OVER 2" THRU 4" 962	OVER 4" THRU 8" 88	OVER 8"	SYSTEM YOTALS 113768
NUMBER OF SER MATERIAL STEEL DUCTILE IRON COPPER	0 0 0	1" OR LESS 99145 0 63961	OVER 1" THRU 2" 13572 0 241	OVER 2" THRU 4" 962 0	OVER 4" THRU 8" 88 0 0	OVER 8" 1 0	\$YSTEM YOTALS 113768 0
MATERIAL STEEL DUCTILE IRON COPPER CASTAWROUGHT IRON	0 0 0	1" OR LESS 99145 0 63961	OVER 1" THRU 2" 13572 0 241	OVER 2" THRU 4" 962 0 0	OVER 4" THRU 8" 88 0	OVER 8" 1 0 0 0	\$YSTEM YOTALS 113768 0 64202
MATERIAL STEEL DUCTILE IRON COPPER CASTAWROUGHT IRON PLASTIC PVC	0 0 0 0	1" OR LESS 99145 0 63961 0	OVER 1" THRU 2" 13572 0 241 0	OVER 2" THRU 4" 962 0 0 0	OVER 4" THRU 8" 88 0 0 0 0	OVER 8" 1 0 0 0 0	\$YSTEM TOTALS 113768 0 64202 0 0
MATERIAL STEEL DUCTILE IRON COPPER CASTAWROUGHT IRON PLASTIC PVC PLASTIC PE	0 0 0 0 0	1" OR LESS 99145 0 63961 0 0 421680	OVER 1" THRU 2" 13572 0 241 0 0 13708	OVER 2" THRU 4" 962 0 0 0 521	OVER 4" THRU 8" 88 0 0 0 16	OVER 8" 1 0 0 0 1 16	\$Y\$TEM YOTALS 113768 0 64202 0 0 435941
MATERIAL STEEL DUCTILE IRON COPPER CASTAWROUGHT IRON PLASTIC PVC PLASTIC PE	0 0 0 0 0 0 0	1" OR LESS 99145 0 63961 0 421680	OVER 1" THRU 2" 13572 0 241 0 0 13708	OVER 2" THRU 4" 962 0 0 0 521	OVER 4" THRU 8" 88 0 0 0 16	OVER 8" 1 0 0 0 16 0	\$Y\$TEM YOTALS 113768 0 64202 0 0 435941
MATERIAL STEEL DUCTILE IRON COPPER ASTAWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER	UNKNOWN 0 0 0 0 0 0 0 0 0 0	1" OR LESS 99145 0 63961 0 421680 0	OVER 1" THRU 2" 13572 0 241 0 13708 0	OVER 2" THRU 4" 962 0 0 0 521 0 0	OVER 4" THRU 8" 88 0 0 0 16 0	OVER 8" 1 0 0 0 16 0	\$Y\$TEM TOTALS 113768 0 64202 0 0 435941 0 0
MATERIAL STEEL DUCTILE IRON COPPER CASTAWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER	UNKNOWN 0 0 0 0 0 0 0 0 0 0 0 0	1" OR LESS 99145 0 63961 0 0 421680 0 0	OVER 1" THRU 2" 13572 0 241 0 0 13708 0 0	OVER 2" THRU 4" 962 0 0 0 521 0 0	OVER 4" THRU 8" 88 0 0 0 16 0 0	OVER 8" 1 0 0 0 16 0 0	SYSTEM YOTALS 113768 0 64202 0 435941 0 0
MATERIAL STEEL DUCTILE IRON COPPER ASTAWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS CLASTIC OTHER OTHER ECONDITIONED CAST IRON	UNKNOWN 0 0 0 0 0 0 0 0 0 0 0 0 0	1" OR LESS 99145 0 63961 0 0 421680 0 0	OVER 1" THRU 2" 13572 0 241 0 0 13708 0 0 0	OVER 2" THRU 4" 962 0 0 0 521 0 0 0 0	OVER 4" THRU 8" 88 0 0 0 16 0 0 0 17 0 0 0 0 0 0	OVER 8" 1 0 0 0 16 0 0 0	SYSTEM YOTALS 113768 0 64202 0 435941 0 0 0
MATERIAL STEEL DUCTILE IRON COPPER ASTAWROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS LASTIC OTHER OTHER ECONDITIONED CAST IRON TOTAL	UNKNOWN O O O O O O O O O O O O O O O O O	1" OR LESS 99145 0 63961 0 0 421680 0 0	OVER 1" THRU 2" 13572 0 241 0 13708 0 0 127521	OVER 2" THRU 4" 862 0 0 0 0 521 0 0 1483	OVER 4" THRU 8" 88 0 0 0 16 0 0 0 17 0 0 0 0 0 0	OVER 8" 1 0 0 0 16 0 0 0	SYSTEM YOTALS 113768 0 64202 0 435941 0 0 0 0 613911

NUMBER 0 6443 5681 70228 76210 98430 81623 105980 132853 38963 013 9870	MILES OF MAIN	38.67	656.26	111.14	1078.42	1874.07	1233.12	958.33	1382.58	880,17	375.32	8588.8	
CAUSE OF LEAK TOTAL HAZARDOUS 104 92 286 73 20 286 73 104 102 622 605 THER CUTSIDE FORCE DAMAGE 104 100 102 622 605 THER CUTSIDE FORCE DAMAGE 14 5 146 75 146 76 PIPE, WELD OR JOINT FAILURE 13 2 49 10 10 EQUIPMENT FAILURE 201 25 610 124 INCORRECT OPERATIONS 34 8 116 25 OTHER CAUSE 426 51 1586 316 NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR: 3843 PART D - EXCAVATION DAMAGE PART E-EXCESS FLOW VALUE(EFV) DATA NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: .712 10 One-Call Notification Practices Not Sufficient: .292 Excavalion Practices Not Sufficient: .292 Excavalio	OF	0	6443		70228	76210	98430	81623	105980	132953	38963	61391	
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PART I - PREPARER

·	
Erin Milkert,Compliance Engineer III (Preparer's Name and Title)	(314)349-2932 (Area Code and Telephone Number)
,	
erin.milkert@thelacledegroup.com (Preparer's email address)	(Area Code and Facsimile Number)

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in exceed 100,000 for each violation for each day that such violation persists except the penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.	OMB NO: 2137-0629 EXPIRATION DATE: 5/31/2018	
	initial Date Submitted:	03/15/2016
U.S Department of Transportation Pipeline and Hazardous Materials Safety Administration	Form Type:	INITIAL
,	Date Submitted:	
	Submitted: REPORT FOR	,

GAS DISTRIBUTION SYSTEM

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 2137-0829. Public reporting for this collection of information is estimated to be approximately 16 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 Clearence 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.phmse.dot.gov/pipeline/library/forms.

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i. Italile	of Operator	,		**		•	MISSOURI GAS ENERGY						
2. LOCA INFO	TION OF O	FFICE (WHE MAY BE OBT	RE ADDITIC	NAL.				······			**		
	2a. Street	Address					700 Market S	treet					
	2b. City an	d County					St. Louis						
2c. State							МО						
2d. Zip Code							63101						
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER							30769						
4. HEAD(QUARTERS	NAME & AC	DRESS							·			
	4a. Street	Address					700 MARKET	STREET					
	4b. City and	d County					SAINT LOUIS	,US					
	4c. State				-	1	МО						
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NO. OF SERVICES

428

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MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	1872.32	1542,12	804.31	213.5	125.11	4557.36
DUCTILE IRON	0	ò	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CASTAVROUGHT IRON	0	·*o	85,6	153.93	40.06	13,91	293.5
PLASTIC PVC	0	0	0	0	· 0	0	0
PLASTIC PE	0	2242.77	1220.53	192,37	7.99	0	3683.66
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	. 0	o	0
OTHER	0	0	0	0	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	4115,09	2848.25	1150.61	261.55	139.02	8514.52
Describe Other A	laterial:			- f			
							
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MATERIAL	VICES IN SYSTEM /	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	VERAGE SERVICE L OVER 4" THRU 8"	ENGTH: 57,61 OVER 8"	SYSTEM TOTALS
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INCORR	ECT OPER	ATIONS		6		2		13		8	
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				·							

Erin Milkert,Compliance Engineer III (Preparer's Name and Tille)	(314) 349-2932 (Area Code and Telephone Number)
erin.milkert@thetacledegroup.com (Preparer's email address)	(Area Code and Facsimile Number)



Missouri Public Service Commission

Respond Data Request

Data Request No.

0013

Company Name

MO PSC Staff-(All)

Case/Tracking No.

GO-2019-0356

Date Requested

9/4/2019

Issue

General Information & Miscellaneous - Safety

Requested From

Bob Berlin

Requested By

John Clizer

Brief Description

cast iron mains

Description

1. Does the Missouri Public Service Commission's Gas Safety Department ("MoPSC Gas Safety Department") agree that all of the cast iron mains currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition? a. Please explain the answer and provide all documents in Staff's possession that supports its

Response

The Safety Engineering Staff does not agree that all of the cast iron mains currently in service are in a "worn out" or "deteriorated condition", because the Missouri Public Service Commission's Pipeline Safety Rules do not include definitions of when natural gas piping is considered to be "worn out" or in a "deteriorated condition". Because the terms "worn out" and in a "deteriorated condition" are not defined in the Missouri Public Service Commission's Pipeline Safety Rules, consideration of pipe condition using these classifications does not fall within the scope of Safety Engineering Staff duties. The Commission's Pipeline Safety Rules addressing the requirements for replacement of cast iron mains are found in 20 CSR 4240-40.030(15)(D). Additionally, the Commission's Pipeline Safety Rules restrict the use of materials other than steel or polyethylene for the underground

construction of pipelines as specified in 20 CSR 4240-40.030 (2)(B). Data Request Response provided by Greg Williams

(greg.williams@psc.mo.gov) and Bob Berlin

(bob.berlin@psc.mo.gov).

Objections

NA

The attached information provided to Missouri Public Service Commission Staff in response to the above data information request is accurate and complete, and contains no material misrepresentations or omissions, based upon present facts of which the undersigned has knowledge, information or belief. The undersigned agrees to immediately inform the Missouri Public Service Commission if, during the pendency of Case No. GO-2019-0356 before the Commission, any matters are discovered which would materially affect the accuracy or completeness of the attached information. If these data are voluminous, please (1) identify the relevant documents and their location (2) make arrangements with requestor to have documents available for inspection in the MO PSC Staff-(All) office, or other location mutually agreeable. Where identification of a document is requested, briefly describe the document (e.g. book, letter, memorandum, report) and state the following information as applicable for the particular document: name, title number, author, date of publication and publisher, addresses, date written, and the name and address of the person(s) having possession

Schedule JAR-D-16

of the document. As used in this data request the term "document(s)" includes publication of any format, workpapers, letters, memoranda, notes, reports, analyses, computer analyses, test results, studies or data, recordings, transcriptions and printed, typed or written materials of every kind in your possession, custody or control or within your knowledge. The pronoun "you" or "your" refers to MO PSC Staff-(All) and its employees, contractors, agents or others employed by or acting in its behalf.

Security:

Public

Rationale:

NA

Missouri Public Service Commission

Respond Data Request

Data Request No.

0014

Company Name

MO PSC Staff-(All)

Case/Tracking No.

GO-2019-0356

Date Requested

9/4/2019

Issue

General Information & Miscellaneous - Safety

Requested From

Bob Berlin

Requested By

John Clizer

Brief Description

Gas Safety Department

Description

2. Does the Gas Safety Department agree that all of the noncathodically protected steel mains currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition? a. Please explain the answer and provide all documents in Staff's possession that supports its

answer.

Response

According to annual reports submitted by Spire, Spire has no remaining non-cathodically protected steel mains currently in service in Spire's Missouri service territories. Please see attached confidential annual reports. Data Request Response provided by Greg Williams (greg.williams@psc.mo.gov) and

Bob Berlin (bob.berlin@psc.mo.gov).

Objections

NA

The attached information provided to Missouri Public Service Commission Staff in response to the above data information request is accurate and complete, and contains no material misrepresentations or omissions, based upon present facts of which the undersigned has knowledge, information or belief. The undersigned agrees to immediately inform the Missouri Public Service Commission if, during the pendency of Case No. GO-2019-0356 before the Commission, any matters are discovered which would materially affect the accuracy or completeness of the attached information. If these data are voluminous, please (1) identify the relevant documents and their location (2) make arrangements with requestor to have documents available for inspection in the MO PSC Staff-(All) office, or other location mutually agreeable. Where identification of a document is requested, briefly describe the document (e.g. book, letter, memorandum, report) and state the following information as applicable for the particular document: name, title number, author, date of publication and publisher, addresses, date written, and the name and address of the person(s) having possession of the document. As used in this data request the term "document(s)" includes publication of any format, workpapers, letters, memoranda, notes, reports, analyses, computer analyses, test results, studies or data, recordings, transcriptions and printed, typed or written materials of every kind in your possession, custody or control or within your knowledge. The pronoun "you" or "your" refers to MO PSC Staff-(All) and its employees, contractors, agents or others employed by or acting in its behalf.

Security:

Public

Rationale:

NA

Schedule JAR-D-16

NOTICE: This report is required by 49 CFR Part 191. Fallure to report can result in exceed 100,000 for each violation for each day that such violation persists except the penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.		OMB NO: 2137-0629 EXPIRATION DATE: 10/31/2021
	Initial Date Submitted:	03/15/2019
U.S Department of Transportation Pipeline and Hazardous Materials Safety Administration	Form Type:	INITIAL
Tipolito and Holadood Materials Salety Nationals	Date Submitted	

ANNUAL REPORT FOR CALENDAR YEAR 2018 GAS DISTRIBUTION SYSTEM

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 2137-0629. Public reporting for this collection of information is estimated to be approximately 16 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)	20190942-38392
1. Name of Operator	SPIRE MISSOUR	LINC. EAST
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)		
2a. Street Address	700 MARKET	
2b. City and County	SAINT LOUIS	
2c. State	мо	
2d. Zip Code	63101	
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	11032	
4. HEADQUARTERS NAME & ADDRESS		
4a. Street Address	700 MARKET STR	REET
4b. City and County	SAINT LOUIS	
4c. State	МО	
4d. Zip Code	63101	
5. STATE IN WHICH SYSTEM OPERATES	МО	
6. THIS REPORT PERTAINS TO THE FOLLOWING COMMO complete the report for that Commodity Group. File a separate	DITY GROUP (Select Commodity Group report for each Commodity Group include	p based on the predominant gas carried and ded in this OPID.)
Natural Gas		
7. THIS REPORT PERTAINS TO THE FOLLOWING TYPE Of included in this OPID for which this report is being submitted.):	F OPERATOR (Select Type of Operator	based on the structure of the company
Investor Owned		

PART B - SYSTEM DESCRIPTION

1.GENERAL

		ST	EEL								
	I HNDBOTEFTED 1		CATHOD PROTE		PLASTIC	CAST/ WROUGHT	DUCTILE	COPPER	OTHER	RECONDITION ED	SYSTEM TOTAL
	BARE	COATED	BARE	COATED		IRON	IROR			CAST IRON	IOIAL
MILES OF MAIN			25	4007.96	4214.589	477.051	0	0.37	0	0	8724.97
NO. OF SERVICES	2839			103757	459674	0	0	55482	0	0	621752

MATERIAL STEEL	UNKNOWN	2" OR LESS	1	OVER 2"	OVER 4		OVER 8"			SYSTEM
STEEL	1	ļ		THRU 4"	THRU 8		THRU 12"	OVER	12"	TOTALS
	0	2520.715		522.004	895.414		78.386	16.44	3	4032.962
DUCTILE IRON	0	0		0	0		0	0		0
COPPER	0	.370		0	0		0	0		.37
CAST/WROUGHT IRON	0			134.885	195.237	,	100.904	46.02	5	477.051
PLASTIC PVC	0	0		0	0		0	0		0
PLASTIC PE	0	3091.605		822.442	284.507	,	16.035	0		4214.589
PLASTIC ABS	0	0		0	0		0	0		0
PLASTIC OTHER	0	0		0	0		0	0		0
OTHER	0	0		0	0		0	0		0
RECONDITIONED CAST IRON	0	0		0	0		0	0		0
TOTAL	0	5612.69		1479.331	1375.15	3	195.325	62.46	8	8724.972
NUMBER OF SERV		T		OVER 1"	OVER 2		GE SERVICE 1 OVER 4"	.ENGTH: 65.9		SYSTEM
MATERIAL	UNKNOWN	1" OR LESS		OVER 1" THRU 2"	OVER 2 THRU 4		OVER 4" THRU 8"	OVER	8"	SYSTEM
STEEL	0	96138		9624	761		72	1		106596
DUCTILE IRON	0	0		0	0		0	0		0
COPPER	0	55338		144	0		0	0		55482
AST/WROUGHT IRON	0	0		0	0		0	0		0
PLASTIC PVC	0	0		0	0		0	0		0
PLASTIC PE	0	443874		15227	511		23	39		459674
PLASTIC ABS	0	0		0	0		0	0		0
PLASTIC OTHER	0	0		0	0		0	0		0
OTHER	0	0		0	0		0	0		0
ECONDITIONED CAST IRON	0	0		0	0		0	0		0
TOTAL	0	595350		24995	1272		95	40		621752
escribe Other Ma	iterial:									
	ID NUMBER OF SE	PVICES BY DECA	DE OF IN	STALL ATION						

MILES OF MAIN	32.705	526.581	106.471	1066.250	1866.848	1223.887	952.731	1374.507	873.919	701.078	8724.977
NUMBER OF SERVICES	0	5288	4304	66058	69301	90686	78571	103815	131667	72062	621752

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR

CAUSE OF LEAK		MAINS	SERVICES		
OAGOL OF ELAK	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS	
CORROSION FAILURE	97	12	236	68	
NATURAL FORCE DAMAGE	71	13	361	71	
EXCAVATION DAMAGE	143	136	652	645	
OTHER OUTSIDE FORCE DAMAGE	23	15	186	91	
PIPE, WELD OR JOINT FAILURE	333	38	762	147	
EQUIPMENT FAILURE	56	6	695	106	
INCORRECT OPERATIONS	6	0	12	6	
OTHER CAUSE	198	14	660	92	

PART D - EXCAVATION DAMAGE	PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA
TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: 860	Total Number Of Services with EFV Installed During Year: 11279
a. One-Call Notification Practices Not Sufficient: 86	Estimated Number Of Services with EFV In the System At End Of Year: 78074
b. Locating Practices Not Sufficient: 352 c. Excavation Practices Not Sufficient: 301	* Total Number of Manual Service Line Shut-off Valves Installed During Year: 955
d. Other: 121	* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 1779
	*These questions only pertain to reporting years 2017 & beyond.
2. NUMBER OF EXCAVATION TICKETS : 246956	
PART F - LEAKS ON FEDERAL LAND	PART G-PERCENT OF UNACCOUNTED FOR GAS
TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: 0	UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL CONSUMPTION FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR.
	[(PURCHASED GAS + PRODUCED GAS) MINUS (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS)] DIVIDED BY (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS) TIMES 100 EQUALS PERCENT UNACCOUNTED FOR.
	FOR YEAR ENDING 6/30:4%
PART H - ADDITIONAL INFORMATION	

PART I - PREPARER	
PANYESTREPAREN	
Erin Milkert,Operator	(314)349-2932 ***********************************
(Preparer's Name and Title)	(Area Code and Telephone Number)
•	
erin.milkert@thelacledegroup.com	takan erakanan sunuk rasar manakasan sanan manakan sunuk manakan sunuk manakan kanakan kanakan sana
erin.milkert@thelacledegroup.com (Preparer's email address)	(Area Code and Facsimile Number)

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in exceed 100,000 for each violation for each day that such violation persists except the penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.		OMB NO: 2137-0629 EXPIRATION DATE: 1/31/2018
	Initial Date Submitted:	03/15/2018
U.S Department of Transportation Pipeline and Hazardous Materials Safety Administration	Form Type:	INITIAL
Tipeline and Hazardous Materials Galety Administration	Date Submitted:	

ANNUAL REPORT FOR CALENDAR YEAR 2017 GAS DISTRIBUTION SYSTEM

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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.

ART A - OPERATOR INFORMATION	(DOT use only)	20188739-35889				
1. Name of Operator	SPIRE MISSOUR	INC. EAST				
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)						
2a. Street Address	700 MARKET					
2b. City and County	SAINT LOUIS					
2c. State	МО					
2d. Zip Code	63101					
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	11032					
4. HEADQUARTERS NAME & ADDRESS						
4a. Street Address	700 MARKET STR	700 MARKET STREET				
4b. City and County	SAINT LOUIS	SAINT LOUIS				
4c. State	МО	МО				
4d. Zip Code	63101					
5. STATE IN WHICH SYSTEM OPERATES	МО	21				
6. THIS REPORT PERTAINS TO THE FOLLOWING COMMO complete the report for that Commodity Group. File a separate	ODITY GROUP (Select Commodity Group e report for each Commodity Group includ	o based on the predominant gas carried and ded in this OPID.)				
Natural Gas						
7. THIS REPORT PERTAINS TO THE FOLLOWING TYPE C included in this OPID for which this report is being submitted.)	OF OPERATOR (Select Type of Operator :	based on the structure of the company				
Investor Owned						

1.GENERAL

		STE	EL								
UNPROTECTED		UNPROTECTED		CATHODICALLY PROTECTED		CAST/ WROUGHT	DUCTILE	COPPER	OTHER	RECONDITION ED	SYSTEM
	BARE	COATED	BARE	COATED		IRON				CAST IRON	IOIAL
MILES OF MAIN			25	4014.47	4112.66	531.46		.41			8684
NO. OF SERVICES	4163			105333	453181			58075			620752

R 4" OVER 8" U 8" THRU 12"	T	OVETE:
	OVER 12"	SYSTEM TOTALS
.10 78.82	17.24	4039.47
0	0	0
0	0	.41
1.74 107.92	49,43	531.46
0	o	0
.36 15.02	0	4112.66
0	0	0
0	0	0
0	0	0
0	0	0
4.2 201.76	66.67	8684
	LENGTH: 65.7	T
R 2" OVER 4"	OVER 8"	SYSTEM
3 77	1	109483
		0
0	0	
0	0	58075
	0	0
0	0	0
0	39	453181
		0
0	0	0
0 19	0	
0 4 19 0		0
0 19 0	0	
0 19 0 0	0	0
0 19 0 0 0 0	0 0	0
4	0 0	0 0

MILES OF MAIN	30.00	577.11	107.39	1071.78	1872.38	1226.66	955.48	1377,42	876.43	589.35	8684
NUMBER OF SERVICES	0	6471	4662	67304	71509	92586	79724	104634	132288	61574	620752

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR

CAUSE OF LEAK		MAINS	SERVICES		
OAGUE OF ELAK	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS	
CORROSION FAILURE	96	8	244	83	
NATURAL FORCE DAMAGE	28	4	67	13	
EXCAVATION DAMAGE	142	128	774	751	
OTHER OUTSIDE FORCE DAMAGE	17	9	66	43	
PIPE, WELD OR JOINT FAILURE	364	17	779	163	
EQUIPMENT FAILURE	70	3	538	73	
INCORRECT OPERATIONS	0	0	1	1	
OTHER CAUSE	311	4	682	89	

NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR: 2233

PART D - EXCAVATION DAMAGE	PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA
1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: _833	Total Number Of Services with EFV Installed During Year: 10491
a. One-Call Notification Practices Not Sufficient: 110	Estimated Number Of Services with EFV in the System At End Of Year: 66795
b. Locating Practices Not Sufficient: 391 c. Excavation Practices Not Sufficient: 317	* Total Number of Manual Service Line Shut-off Valves Installed During Year: 824
d. Other: 15	* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 824
	*These questions only pertain to reporting years 2017 & beyond.
2. NUMBER OF EXCAVATION TICKETS : 261317	
PART F - LEAKS ON FEDERAL LAND	PART G-PERCENT OF UNACCOUNTED FOR GAS
TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: 0	UNACCOUUNTED FOR GAS AS A PERCENT OF TOTAL INPUT FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR.
	INPUT FOR YEAR ENDING 6/30:2.7%
PART H - ADDITIONAL INFORMATION	

PART I - PREPARER	
Nicole Christianer,Manager, Pipeline Safety (Preparer's Name and Title)	(314) 349-2929 (Area Code and Telephone Number)
nicole.christianer@spireenergy.com (Preparer's email address)	(Area Code and Facsimile Number)

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in exceed 100,000 for each violation for each day that such violation persists except the penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.	OMB NO: 2137-0629 EXPIRATION DATE: 10/31/2021	
	initial Date Submitted:	03/15/2019
U.S Department of Transportation Pipeline and Hazardous Materials Safety Administration	Form Type:	INITIAL
	Date Submitted:	

ANNUAL REPORT FOR CALENDAR YEAR 2018 GAS DISTRIBUTION SYSTEM

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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)	20190953-38403
1. Name of Operator	SPIRE MISSOUR	INC. WEST
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)		
2a. Street Address	700 MARKET	
2b. City and County	SAINT LOUIS	
2c. State	МО	
2d. Zip Code	63101	
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	30769	
4. HEADQUARTERS NAME & ADDRESS		
4a. Street Address	700 MARKET STF	REET
4b. City and County	SAINT LOUIS	
4c. State	МО	
4d. Zip Code	63101	
5. STATE IN WHICH SYSTEM OPERATES	МО	
6. THIS REPORT PERTAINS TO THE FOLLOWING COMMO complete the report for that Commodity Group. File a separate	DITY GROUP (Select Commodity Grou report for each Commodity Group include	p based on the predominant gas carried and ded in this OPID.)
Natural Gas		
7. THIS REPORT PERTAINS TO THE FOLLOWING TYPE OF included in this OPID for which this report is being submitted.):	OPERATOR (Select Type of Operator	based on the structure of the company
nvestor Owned		
ART B - SYSTEM DESCRIPTION		

1.GENERAL

		ST	EEL					l .			
	UNPRO	UNPROTECTED CATHODICALLY PROTECTED				CAST/ WROUGHT	DUCTILE IRON	COPPER	OTHER	RECONDITION ED	SYSTEM TOTAL
	BARE	COATED	BARE	COATED		IRON	INOM			CAST IRON	TOTAL
MILES OF MAIN			847.485	3434.827	4330.124	241.012	0	0	0	0	8853.448
NO. OF SERVICES	704	2043	6535	22264	479610	0	0	0	0	0	511156

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	1715.451	1427.400	797.905	214.958	126.598	4282.312
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CAST/WROUGHT IRON	0	0	73.085	120.768	33.560	13,599	241.012
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	2636.340	1408.938	263.346	17.346	4.154	4330.124
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	4351.791	2909.423	1182.019	265.864	144.351	8853.448
3.NUMBER OF SER	VICES IN SYSTEM	AT END OF YEAR		A	VERAGE SERVICE L	ENGTH: 57.6	
3.NUMBER OF SER	VICES IN SYSTEM /	AT END OF YEAR	OVER 1" THRU 2"	OVER 2" THRU 4"	VERAGE SERVICE L OVER 4" THRU 8"	ENGTH: 57.6 OVER 8"	SYSTEM TOTALS
	T	T	OVER 1"	OVER 2"	OVER 4"	T	SYSTEM TOTALS 31546
MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	TOTALS
MATERIAL STEEL	UNKNOWN 0	1" OR LESS 20663	OVER 1" THRU 2" 10560	OVER 2" THRU 4" 269	OVER 4" THRU 8" 46	OVER 8"	31546
MATERIAL STEEL DUCTILE IRON COPPER	0 0	1" OR LESS 20663	OVER 1" THRU 2" 10560	OVER 2" THRU 4" 269	OVER 4" THRU 8" 46	OVER 8" 8 0	31546 0
MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT	0 0 0	1" OR LESS 20663 0	OVER 1" THRU 2" 10560 0	OVER 2" THRU 4" 269 0	OVER 4" THRU 8" 46 0	0 OVER 8"	31546 0
MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON	0 0 0 0	1" OR LESS 20663 0 0 0	OVER 1" THRU 2" 10560 0 0	OVER 2" THRU 4" 269 0 0	OVER 4" THRU 8" 46 0 0	0 0 0 0	31546 0 0
MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON PLASTIC PVC	0 0 0 0 0	1" OR LESS 20663 0 0 0 0	OVER 1" THRU 2" 10560 0 0 0	OVER 2" THRU 4" 269 0 0 0	OVER 4" THRU 8" 46 0 0 0 0	OVER 8" 8 0 0 0 0	31546 0 0 0
MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE	0 0 0 0 0 0	1" OR LESS 20663 0 0 0 0 457528	OVER 1" THRU 2" 10560 0 0 0 21806	OVER 2" THRU 4" 269 0 0 0 251	OVER 4" THRU 8" 46 0 0 0 0 24	OVER 8" 8 0 0 0 1	0 0 0 479610
MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS	0 0 0 0 0 0 0	1" OR LESS 20663 0 0 0 0 457528	OVER 1" THRU 2" 10560 0 0 0 21806	OVER 2" THRU 4" 269 0 0 0 251	OVER 4" THRU 8" 46 0 0 0 24	OVER 8" 8 0 0 0 1	0 0 0 479610 0
MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER	0 0 0 0 0 0 0	1" OR LESS 20663 0 0 0 457528 0 0	OVER 1" THRU 2" 10560 0 0 0 21806 0	OVER 2" THRU 4" 269 0 0 0 251 0	OVER 4" THRU 8" 46 0 0 0 24 0 0	OVER 8" 8 0 0 0 1 0 0	0 0 0 479610 0 0
MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1" OR LESS 20663 0 0 0 457528 0 0	OVER 1" THRU 2" 10560 0 0 0 21806 0 0	OVER 2" THRU 4" 269 0 0 0 251 0 0	OVER 4" THRU 8" 46 0 0 0 24 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 479610 0 0
MATERIAL STEEL DUCTILE IRON COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER CECONDITIONED CAST IRON TOTAL	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1" OR LESS 20663 0 0 0 457528 0 0 0	OVER 1" THRU 2" 10560 0 0 0 21806 0 0 32366	OVER 2" THRU 4" 269 0 0 0 251 0 0 0	OVER 4" THRU 8" 46 0 0 0 0 24 0 0 70	OVER 8" 8 0 0 0 1 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

MILES OF MAIN	4.659	855.331	139.878	791.246	1663.627	1041.179	928.213	1311.917	1148.244	969.163	8853.457
NUMBER OF SERVICES	0	1934	392	4916	13029	47263	96429	215823	88300	43070	511156

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR

CAUSE OF LEAK		MAINS	SE	RVICES	
OAGOL OF LEAR	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS	
CORROSION FAILURE	93	18	14	6	
NATURAL FORCE DAMAGE	77	28	104	53	
EXCAVATION DAMAGE	177	176	663	659	
OTHER OUTSIDE FORCE DAMAGE	9	8	110	107	
PIPE, WELD OR JOINT FAILURE	125	28	190	62	
EQUIPMENT FAILURE	8	3	3	1	
INCORRECT OPERATIONS	5	2	19	18	
OTHER CAUSE	44	2	23	11	

PART D - EXCAVATION DAMAGE	PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA
TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: _870	Total Number Of Services with EFV Installed During Year: 17314
a. One-Call Notification Practices Not Sufficient: 140	Estimated Number Of Services with EFV in the System At End Of Year: 76775
b. Locating Practices Not Sufficient: 286 c. Excavation Practices Not Sufficient: 288	* Total Number of Manual Service Line Shut-off Valves Installed During Year: 465
d. Olher: <u>156</u>	* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: 575
	*These questions only pertain to reporting years 2017 & beyond.
2. NUMBER OF EXCAVATION TICKETS : 257524	
PART F - LEAKS ON FEDERAL LAND	PART G-PERCENT OF UNACCOUNTED FOR GAS
TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: 0	UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL CONSUMPTION FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR. [(PURCHASED GAS + PRODUCED GAS) MINUS (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS)] DIVIDED BY (CUSTOMER USE + COMPANY USE + APPROPRIATE ADJUSTMENTS) TIMES 100 EQUALS PERCENT UNACCOUNTED FOR. FOR YEAR ENDING 6/30:
PART H - ADDITIONAL INFORMATION	

PART I - PREPARER	
Erin Milkert,Operator (Preparer's Name and Title)	(314)349-2932 (Area Code and Telephone Number)
erin.milkert@thelacledegroup.com (Preparer's email address)	(Area Code and Facsimile Number)

NOTICE: This report is required by 49 CFR Part 191. Failure to report can result in a exceed 100,000 for each violation for each day that such violation persists except the penalty shall not exceed \$1,000,000 as provided in 49 USC 60122.	OMB NO: 2137-0629 EXPIRATION DATE: 1/31/2018	
	Initial Date Submitted:	03/15/2018
U.S Department of Transportation Pipeline and Hazardous Materials Safety Administration	Form Type:	INITIAL
	Date Submitted:	

ANNUAL REPORT FOR CALENDAR YEAR 2017 GAS DISTRIBUTION SYSTEM

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 2137-0629. Public reporting for this collection of information is estimated to be approximately 16 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.

ART A - OPERATOR INFORMATION	(DOT use only)	20188740-35890
1. Name of Operator	SPIRE MISSOUR	RI INC. WEST
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)	***************************************	
2a. Street Address	700 MARKET	
2b. City and County	SAINT LOUIS	
2c. State	МО	
2d. Zip Code	63101	
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER	30769	
1. HEADQUARTERS NAME & ADDRESS		
4a. Street Address	700 MARKET STE	REET
4b. City and County	SAINT LOUIS	***************************************
4c. State	МО	***************************************
4d. Zip Code	63101	
. STATE IN WHICH SYSTEM OPERATES	МО	
S. THIS REPORT PERTAINS TO THE FOLLOWING COMMO complete the report for that Commodity Group. File a separate	DITY GROUP (Select Commodity Grou report for each Commodity Group inclu	ip based on the predominant gas carried and ded in this OPID.)
Vatural Gas		
T. THIS REPORT PERTAINS TO THE FOLLOWING TYPE OF nature of this OPID for which this report is being submitted.):	F OPERATOR (Select Type of Operator	r based on the structure of the company
nvestor Owned		
ART B - SYSTEM DESCRIPTION		

		STE	EEL	~~					T				
	UNPROTECTED CATHODICALLY PROTECTED						PLASTIC	CAST/ WROUGHT	DUCTILE IRON	COPPER	OTHER	RECONDITION ED	SYSTEM TOTAL
	BARE	COATED	BARE	COATED		IRON	IRON			CAST IRON	IOIAL		
MILES OF MAIN			930.21	3471.56	4076.69	264.96					8743.42		
NO. OF SERVICES	1417	3746	6811	21929	473736			487			508126		

MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS
STEEL	0	1778.92	1478.99	801.49	215.85	126,52	4401.77
DUCTILE IRON	0	0	0	0	0	0	0
COPPER	0	0	0	0	0	0	0
CAST/WROUGHT	0	0	77.77	136.51	36.61	14.07	264.96
PLASTIC PVC	0	0	0	0	0	0	0
PLASTIC PE	0	2491.41	1340.77	231.88	8.48	4.15	4076.69
PLASTIC ABS	0	0	0	0	0	0	0
PLASTIC OTHER	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0
RECONDITIONED CAST IRON	0	0	0	0	0	0	0
TOTAL	0	4270.33	2897.53	1169.88	260.94	144.74	8743.42
Describe Other N	iateriai:						
3.NUMBER OF SER	VICES IN SYSTEM	AT END OF YEAR			AVERAGE SERVICE L	ENGTH: 74.38	
MATERIAL		1					3.77 (
	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
STEEL	UNKNOWN	1" OR LESS 20125			OVER 4"	T	SYSTEM
STEEL DUCTILE IRON	 		THRU 2"	THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS
	0	20125	THRU 2"	327	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS 33903
DUCTILE IRON COPPER	0	20125	13392 0	327 0	OVER 4" THRU 8" 51	8 0	SYSTEM TOTALS 33903 0
DUCTILE IRON COPPER CAST/WROUGHT	0 0	20125 0 194	13392 0 293	327 0	OVER 4" THRU 8" 51 0	8 0 0	SYSTEM TOTALS 33903 0 487
COPPER CAST/WROUGHT IRON	0 0 0	20125 0 194	13392 0 293	327 0 0	OVER 4" THRU 8" 51 0 0	OVER 8" 8 0 0 0	SYSTEM TOTALS 33903 0 487 0
COPPER CAST/WROUGHT IRON PLASTIC PVC	0 0 0 0	20125 0 194 0	13392 0 293 0	327 0 0 0	OVER 4" THRU 8" 51 0 0 0 0	OVER 8" 8 0 0 0 0	SYSTEM TOTALS 33903 0 487 0 0
COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE	0 0 0 0 0	20125 0 194 0 0 451689	13392 0 293 0 0 21795	1 THRU 4" 327 0 0 0 0 235	OVER 4" THRU 8" 51 0 0 0 16	OVER 8" 8 0 0 0 1	SYSTEM TOTALS 33903 0 487 0 473736
COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS	0 0 0 0 0 0	20125 0 194 0 0 451689	13392 0 293 0 0 21795	1 THRU 4" 327 0 0 0 0 235	OVER 4" THRU 8" 51 0 0 0 16	OVER 8" 8 0 0 0 1	SYSTEM TOTALS 33903 0 487 0 473736
COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER	0 0 0 0 0 0 0	20125 0 194 0 0 451689 0	13392 0 293 0 0 21795 0	1 THRU 4" 327 0 0 0 0 235 0 0	OVER 4" THRU 8" 51 0 0 0 16 0 0	OVER 8" 8 0 0 0 1 0 0	SYSTEM TOTALS 33903 0 487 0 473736 0 0
COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER	0 0 0 0 0 0	20125 0 194 0 0 451689 0 0	13392 0 293 0 0 21795 0 0	THRU 4" 327 0 0 0 0 235 0 0	OVER 4" THRU 8" 51 0 0 0 16 0 0	OVER 8" 8 0 0 0 1 0 0 0 0 0 0 0	SYSTEM TOTALS 33903 0 487 0 473736 0 0
COPPER CAST/WROUGHT IRON PLASTIC PVC PLASTIC PE PLASTIC ABS PLASTIC OTHER OTHER ECONDITIONED CAST IRON	0 0 0 0 0 0 0 0	20125 0 194 0 0 451689 0 0	13392 0 293 0 0 21795 0 0 0 0	THRU 4" 327 0 0 0 0 235 0 0 0 0	OVER 4" THRU 8" 51 0 0 0 16 0 0 0 16	OVER 8" 8 0 0 0 1 0 0 0 0 0 0 0 0 0	SYSTEM TOTALS 33903 0 487 0 473736 0 0 0 0

MILES OF MAIN	5.92	913.84	151.32	840.14	1671.18	1050.16	930.93	1324.84	1148.46	706.63	8743.42
NUMBER OF SERVICES	0	2465	470	5440	13792	48021	97141	216544	88307	35946	508126

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR

CAUSE OF LEAK		MAINS	SERVICES		
OAGOL OF ELAN	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS	
CORROSION FAILURE	210	15	15	10	
NATURAL FORCE DAMAGE	97	20	115	65	
EXCAVATION DAMAGE	201	195	731	721	
OTHER OUTSIDE FORCE DAMAGE	15	6	70	64	
PIPE, WELD OR JOINT FAILURE	158	18	156	48	
EQUIPMENT FAILURE	25	4	5	1	
INCORRECT OPERATIONS	1	0	5	0	
OTHER CAUSE	79	2	0	0	

PART E - EXCESS FLOW VALUE (EFV) AND SERVICE VALVE DATA
Total Number Of Services with EFV Installed During Year: 15743
Estimated Number Of Services with EFV In the System At End Of Year: 59461
* Total Number of Manual Service Line Shut-off Valves Installed During
Year: 110
* Estimated Number of Services with Manual Service Line Shut-off Valves Installed in the System at End of Year: <u>110</u>
*These questions only pertain to reporting years 2017 & beyond.
PART G-PERCENT OF UNACCOUNTED FOR GAS
UNACCOUUNTED FOR GAS AS A PERCENT OF TOTAL INPUT FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR.
INPUT FOR YEAR ENDING 6/30:

PART 1 - PREPARER	
Nicole Christianer,Manager, Pipeline Safety (Preparer's Name and Title)	(314) 349-2929 (Area Code and Telephone Number)
nicole.christianer@spireenrgy.com (Preparer's email address)	(Area Code and Facsimile Number)

Respond Data Request

Data Request No.

0015

Company Name

MO PSC Staff-(All)

Case/Tracking No.

GO-2019-0356

Date Requested

9/4/2019

Issue

General Information & Miscellaneous - Safety

Requested From

Bob Berlin

Requested By

John Clizer

Brief Description

Gas Safety Department

Description

3. Does the Gas Safety Department agree that all of the noncathodically protected steel services currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition? a. Please explain the answer and provide all documents in Staff's possession that supports its

Response

The Safety Engineering Staff does not agree that all of the non-cathodically protected steel services currently in service are in a "worn out" or "deteriorated condition", because the Missouri Public Service Commission's Pipeline Safety Rules do not include definitions of when natural gas piping is considered to be "worn out" or in a "deteriorated condition". The Commission's Pipeline Safety Rules require cathodic protection for each buried or submerged pipeline installed after July 31, 1971 within one year after completion of construction (20 CSR 4240-40.030(9)(D)), with some exceptions noted in the rule. Additionally, the Commission's Pipeline Safety Rules addressing the requirements for replacement of non-cathodically protected steel services are

found in 20 CSR 4240-40.030(15)(C). Data Request

Response provided by Greg Williams

(greg.williams@psc.mo.gov) and Bob Berlin

(bob.berlin@psc.mo.gov).

Objections

NA

The attached information provided to Missouri Public Service Commission Staff in response to the above data information request is accurate and complete, and contains no material misrepresentations or omissions, based upon present facts of which the undersigned has knowledge, information or belief. The undersigned agrees to immediately inform the Missouri Public Service Commission if, during the pendency of Case No. GO-2019-0356 before the Commission, any matters are discovered which would materially affect the accuracy or completeness of the attached information. If these data are voluminous, please (1) identify the relevant documents and their location (2) make arrangements with requestor to have documents available for inspection in the MO PSC Staff-(All) office, or other location mutually agreeable. Where identification of a document is requested, briefly describe the document (e.g. book, letter, memorandum, report) and state the following information as applicable for the particular document: name, title number, author, date of publication and publisher. addresses, date written, and the name and address of the person(s) having possession of the document. As used in this data request the term "document(s)" includes publication of any format, workpapers, letters, memoranda, notes, reports, analyses, computer analyses, test results, studies or data, recordings, transcriptions and printed,

typed or written materials of every kind in your possession, custody or control or within your knowledge. The pronoun "you" or "your" refers to MO PSC Staff-(All) and its employees, contractors, agents or others employed by or acting in its behalf.

Security:

Public

Rationale:

NA

Respond Data Request

Data Request No.

0016

Company Name

MO PSC Staff-(All)

Case/Tracking No.

GO-2019-0356

Date Requested

9/4/2019

Issue

General Information & Miscellaneous - Safety

Requested From

Bob Berlin

Requested By

John Clizer

Brief Description

Cast Iron Mains

Description

4. Has Spire Missouri ever reported that all of the cast iron mains currently in service in each of its service territories are worn out or in a deteriorated condition to the MoPSC Gas Safety Department? a. If so what actions has the Gas Safety

Department taken in response to this report?

Response

Question as to what Spire Missouri has ever reported to Safety Engineering Staff is overbroad and vague. Question is irrelevant and not reasonably calculated to lead to probative evidence that determines whether the ISRS costs sought for recovery in the application are eligible under the ISRS statute.

Data Request Response provided by Bob Berlin

(bob.berlin@psc.mo.gov).

Objections

NA

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Security:

Public

Rationale:

NA

Respond Data Request

Data Request No.

0016

Company Name

MO PSC Staff-(All)

Case/Tracking No.

GO-2019-0356

Date Requested

9/4/2019

Issue

General Information & Miscellaneous - Safety

Requested From Requested By **Brief Description** Bob Berlin John Clizer

Description

Cast Iron Mains

4. Has Spire Missouri ever reported that all of the cast iron mains currently in service in each of its service territories are worn out or in a deteriorated condition to the MoPSC Gas Safety Department? a. If so what actions has the Gas Safety

Department taken in response to this report?

Response

a. Based on Safety Engineering Staff's review, Staff is not aware that Spire Missouri has ever reported to the Commission that all of the cast iron mains currently in service are worn out or in a deteriorated condition. There are no reports known to the Safety Engineering Staff that require

operators to make qualitative, general statements or observations as to the condition of "all" pipe or all cast iron pipe. Instructions to operators for completing PHMSA distribution annual reports (FORM PHMSA F 7100.1-1) prior to 2015 included the following instruction: "Leaks from material deterioration, other than corrosion, after exceeding

the reasonable service life, are reported under Other." Beginning with the 2015 PHMSA annual report, this

instruction was changed to read as follows: "OTHER CAUSE: leak resulting from any other cause not attributable to the above causes. A best effort should be made to assign a specific leak cause before choosing the Other cause category. An operator replacing a bare steel pipeline with a history of external corrosion leaks without visual observation of the actual leak, may form a hypothesis based on available information that the leak was caused by external corrosion and assign the Corrosion cause category to the leak." Spire submits PHMSA annual reports and other reports required by the PSC regarding pipe conditions related to specific PSC requirements that may indicate specific pipe segments are deteriorated. Examples include but are not limited to pipe material failures that result in reportable incidents (incident reports), number of leaks repaired each year by material, including cast iron and unprotected steel (Missouri Annual Reports), number of leaks reported in "other" and "corrosion" categories on PHMSA annual reports, number of fractures on cast iron (annual replacement program reports), b. The Safety Engineering Staff reviews each report and investigates each reportable incident for compliance with Commission pipeline safety rules and Commission orders. Safety Engineering Staff review was limited to within the past ten years pursuant to guidance issued by the Regulatory Law Judge at the September 13, 2019 telephone discovery conference. Data

Request Response provided by Greg Williams (greg.williams@psc.mo.gov) and Bob Berlin (bob.berlin@psc.mo.gov).

Objections

NA

The attached information provided to Missouri Public Service Commission Staff in response to the above data information request is accurate and complete, and contains no material misrepresentations or omissions, based upon present facts of which the undersigned has knowledge, information or belief. The undersigned agrees to immediately inform the Missouri Public Service Commission if, during the pendency of Case No. GO-2019-0356 before the Commission, any matters are discovered which would materially affect the accuracy or completeness of the attached information. If these data are voluminous, please (1) identify the relevant documents and their location (2) make arrangements with requestor to have documents available for inspection in the MO PSC Staff-(All) office, or other location mutually agreeable. Where identification of a document is requested, briefly describe the document (e.g. book, letter, memorandum, report) and state the following information as applicable for the particular document; name, title number, author, date of publication and publisher. addresses, date written, and the name and address of the person(s) having possession of the document. As used in this data request the term "document(s)" includes publication of any format, workpapers, letters, memoranda, notes, reports, analyses, computer analyses, test results, studies or data, recordings, transcriptions and printed, typed or written materials of every kind in your possession, custody or control or within your knowledge. The pronoun "you" or "your" refers to MO PSC Staff-(All) and its employees, contractors, agents or others employed by or acting in its behalf.

Security:

Public

Rationale:

NA

Respond Data Request

Data Request No.

0017

Company Name

MO PSC Staff-(All)

Case/Tracking No.

GO-2019-0356

Date Requested

9/4/2019

Issue

General Information & Miscellaneous - Safety

Requested From

Bob Berlin John Clizer

Requested By **Brief Description**

Steel Mains

Description

5. Has Spire Missouri ever reported that all of the noncathodically protected steel mains currently in service in each of its service territories are worn out or in a deteriorated condition to the MoPSC Gas Safety Department? a. If so what actions has the Gas Safety Department taken in

response to this report?

Response

Objections

Question as to what Spire Missouri has ever reported to Safety Engineering Staff is overbroad and vague. Question is irrelevant and not reasonably calculated to lead to probative evidence that determines whether the ISRS costs sought for recovery in the application are eligible under the ISRS statute.

Data Request Objection provided by Bob Berlin

(bob.berlin@psc.mo.gov)

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Security:

Public

Rationale:

NA

Respond Data Request

Data Request No.

0017

Company Name

MO PSC Staff-(All)

Case/Tracking No.

GO-2019-0356

Date Requested

9/4/2019

Issue

General Information & Miscellaneous - Safety

Requested From

Bob Berlin

Requested By

John Clizer

Brief Description

Steel Mains

Description

5. Has Spire Missouri ever reported that all of the noncathodically protected steel mains currently in service in each of its service territories are worn out or in a deteriorated condition to the MoPSC Gas Safety Department? a. If so what actions has the Gas Safety Department taken in

response to this report?

Response

According to annual reports submitted by Spire. Spire has no remaining non-cathodically protected steel mains currently in service in either of Spire's Missouri service territories. Data

Request Response provided by Greg Williams (greg.williams@psc.mo.gov) and Bob Berlin

(bob.berlin@psc.mo.gov).

Objections

NA

The attached information provided to Missouri Public Service Commission Staff in response to the above data information request is accurate and complete, and contains no material misrepresentations or omissions, based upon present facts of which the undersigned has knowledge, information or belief. The undersigned agrees to immediately inform the Missouri Public Service Commission if, during the pendency of Case No. GO-2019-0356 before the Commission, any matters are discovered which would materially affect the accuracy or completeness of the attached information. If these data are voluminous, please (1) identify the relevant documents and their location (2) make arrangements with requestor to have documents available for inspection in the MO PSC Staff-(All) office, or other location mutually agreeable. Where identification of a document is requested, briefly describe the document (e.g. book, letter, memorandum, report) and state the following information as applicable for the particular document: name, title number, author, date of publication and publisher. addresses, date written, and the name and address of the person(s) having possession of the document. As used in this data request the term "document(s)" includes publication of any format, workpapers, letters, memoranda, notes, reports, analyses, computer analyses, test results, studies or data, recordings, transcriptions and printed, typed or written materials of every kind in your possession, custody or control or within your knowledge. The pronoun "you" or "your" refers to MO PSC Staff-(All) and its employees, contractors, agents or others employed by or acting in its behalf.

Security:

Public

Rationale:

NA

Respond Data Request

Data Request No.

0018

Company Name

MO PSC Staff-(All)

Case/Tracking No.

GO-2019-0356

Date Requested

9/4/2019

Issue

General Information & Miscellaneous - Safety

Requested From

Bob Berlin

Requested By

John Clizer

Brief Description

Safety

Description

Has Spire Missouri ever reported that all of the noncathodically protected steel services currently in service in each of its service territories are worn out or in a deteriorated condition to the MoPSC Gas Safety Department? a. If so what actions has the Gas Safety Department taken in

response to this report?

Response

Objections

Question as to what Spire Missouri has ever reported to Safety Engineering Staff is overbroad and vague. Question is irrelevant and not reasonably calculated to lead to probative evidence that determines whether the ISRS costs sought for recovery in the application are eligible under the ISRS statute.

Data Request Objection provided by Bob Berlin

(bob.berlin@psc.mo.gov).

The attached information provided to Missouri Public Service Commission Staff in response to the above data information request is accurate and complete, and contains no material misrepresentations or omissions, based upon present facts of which the undersigned has knowledge, information or belief. The undersigned agrees to immediately inform the Missouri Public Service Commission if, during the pendency of Case No. GO-2019-0356 before the Commission, any matters are discovered which would materially affect the accuracy or completeness of the attached information. If these data are voluminous, please (1) identify the relevant documents and their location (2) make arrangements with requestor to have documents available for inspection in the MO PSC Staff-(All) office, or other location mutually agreeable. Where identification of a document is requested, briefly describe the document (e.g. book, letter, memorandum, report) and state the following information as applicable for the particular document: name, title number, author, date of publication and publisher, addresses, date written, and the name and address of the person(s) having possession of the document. As used in this data request the term "document(s)" includes publication of any format, workpapers, letters, memoranda, notes, reports, analyses, computer analyses, test results, studies or data, recordings, transcriptions and printed, typed or written materials of every kind in your possession, custody or control or within your knowledge. The pronoun "you" or "your" refers to MO PSC Staff-(All) and its employees, contractors, agents or others employed by or acting in its behalf.

Security:

Public

Rationale:

NA

Respond Data Request

Data Request No.

0019

Company Name

MO PSC Staff-(All)

Case/Tracking No.

GO-2019-0356

Date Requested

9/4/2019

Issue

General Information & Miscellaneous - Safety

Requested From

Bob Berlin

Requested By

John Clizer

Brief Description

Safety

Description

7. Please provide a copy of the last three annual reports that the MoPSC's Gas Safety Department has prepared with regard to Spire Missouri and its related service territories based on the Staff's safety audits of those systems. a. For each report, please indicate whether the report agrees with the assertion that all of the cast iron mains currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition, i. For each report that does agree with the assertion that all of the cast iron mains currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition, please indicate by page number where the report discusses the impact of that fact on the safety of Spire's gas distribution system. ii. For each report that does agree with the assertion that all of the cast iron mains currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition but does not discuss the impact of that fact on the safety of Spire's gas distribution system, please explain why, iii, If any report does not agree with or otherwise mention the assertion that all of the cast iron mains currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition, please indicate whether the conclusions reached in that report would change if the report had agreed with the assertion that all of the cast iron mains currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition, b. For each report, please indicate whether the report agrees with the assertion that all of the non-cathodically protected steel mains currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition. i. For each report that does agree with the assertion that all of the non-cathodically protected steel mains currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition, please indicate by page number where the report discusses the impact of that fact on the safety of Spire's gas distribution system. ii. For each report that does agree with the assertion that all of the non-cathodically protected steel mains currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition but does not discuss the impact of that fact on the safety of Spire's gas distribution system, please explain why. iii. If any report does not agree with or otherwise mention the assertion that all of the non-cathodically protected steel mains

currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition, please indicate whether the conclusions reached in that report would change if the report had agreed with the assertion that all of the non-cathodically protected steel mains currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition. c. For each report, please indicate whether the report agrees with the assertion that all of the non-cathodically protected steel services currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition. i. For each report that does agree with the assertion that all of the non-cathodically protected steel services currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition, please indicate by page number where the report discusses the impact of that fact on the safety of Spire's gas distribution system. ii. For each report that does agree with the assertion that all of the non-cathodically protected steel services currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition but does not discuss the impact of that fact on the safety of Spire's gas distribution system, please explain why. iii. If any report does not agree with or otherwise mention the assertion that all of the non-cathodically protected steel services currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition, please indicate whether the conclusions reached in that report would change if the report had agreed with the assertion that all of the noncathodically protected steel services currently in service in each of Spire Missouri's service territories are in a worn out or deteriorated condition.

Response Objections

MO PSC Safety Engineering Staff does not prepare annual reports for Spire Missouri. Data Request Response provided by Greg Williams (greg.williams@psc.mo.gov) and Bob Berlin (bob.berlin@psc.mo.gov).

The attached information provided to Missouri Public Service Commission Staff in response to the above data information request is accurate and complete, and contains no material misrepresentations or omissions, based upon present facts of which the undersigned has knowledge, information or belief. The undersigned agrees to immediately inform the Missouri Public Service Commission if, during the pendency of Case No. GO-2019-0356 before the Commission, any matters are discovered which would materially affect the accuracy or completeness of the attached information. If these data are voluminous, please (1) identify the relevant documents and their location (2) make arrangements with requestor to have documents available for inspection in the MO PSC Staff-(All) office, or other location mutually agreeable. Where identification of a document is requested, briefly describe the document (e.g. book, letter, memorandum, report) and state the following information as applicable for the particular document: name, title number, author, date of publication and publisher, addresses, date written, and the name and address of the person(s) having possession of the document. As used in this data request the term "document(s)" includes publication of any format, workpapers, letters, memoranda, notes, reports, analyses, computer analyses, test results, studies or data, recordings, transcriptions and printed, typed or written materials of every kind in your possession, custody or control or within your knowledge. The pronoun "you" or "your" refers to MO PSC Staff-(All) and its employees, contractors, agents or others employed by or acting in its behalf.

Security : Rationale : Public

NA

Respond Data Request

Data Request No.

0020

Company Name

MO PSC Staff-(All)

Case/Tracking No.

GO-2019-0356

Date Requested

9/4/2019

Issue

General Information & Miscellaneous - Safety

Requested From

Bob Berlin John Clizer

Requested By **Brief Description**

Safety

Description

Please indicate whether the MoPSC's Gas Safety

Department believes that Spire has met its statutory duty to provide safe and adequate service under section 393.130 if it assumes that all of the cast iron mains currently in service in each of Spire Missouri's service territories are in a worn out or

deteriorated condition.

Response

The Safety Engineering Staff does not form opinions regarding pipeline conditions outside the parameters of the Commission's Pipeline Safety Rules, and cannot hypothesize as to whether safe and adequate service has been provided based on an unfounded assumption. Further, the terms "worn out" and "deteriorated" are not defined in the Pipeline Safety Rules and as such are not part of Safety Engineering Staff's pipeline safety inspections. Data Request Response provided by Greg Williams (greg.williams@psc.mo.gov) and Bob Berlin

(bob.berlin@psc.mo.gov).

Objections

NA

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Security:

Public

Rationale:

NA

Respond Data Request

Data Request No.

0021

Company Name

MO PSC Staff-(All)

Case/Tracking No.

GO-2019-0356

Date Requested

9/4/2019

Issue

General Information & Miscellaneous - Safety

Requested From

Bob Berlin

Requested By **Brief Description** John Clizer

Safety

Description

Please indicate whether the MoPSC's Gas Safety Department of the Missouri Public Service Commission believes that Spire has met its statutory duty to provide safe and adequate service under section 393.130 if it assumes that all of the non-cathodically protected mains currently in service in each of Spire Missouri's service territories are in a

worn out or deteriorated condition.

Response

According to annual reports submitted by Spire, Spire has no remaining non-cathodically protected steel mains currently in service in Spire's Missouri service territories. Data Request

Response provided by Greg Williams

(greg.williams@psc.mo.gov) and Bob Berlin

(bob.berlin@psc.mo.gov).

Objections

NA

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Security:

Public

Rationale:

NA

Respond Data Request

Data Request No.

0022

Company Name

MO PSC Staff-(All)

Case/Tracking No.

GO-2019-0356

Date Requested

9/4/2019

Issue

General Information & Miscellaneous - Safety

Requested From

Bob Berlin

Requested By

John Clizer

Brief Description

Safety

Description

Please indicate whether the Gas Safety Department of the Missouri Public Service Commission believes that Spire has met its statutory duty to provide safe and adequate service under section 393.130 if it assumes that all of the noncathodically protected services currently in service in each of

Spire Missouri's service territories are in a worn out or

deteriorated condition.

Response

See answer to #20. Data Request Response provided by Greg Williams (greg.williams@psc.mo.gov) and Bob Berlin

(bob.berlin@psc.mo.gov).

Objections

NA

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Security:

Public

Rationale:

NA

Respond Data Request

Data Request No.

0023

Company Name

MO PSC Staff-(All)

Case/Tracking No.

GO-2019-0356

Date Requested

9/4/2019

Issue

General Information & Miscellaneous - Safety

Requested From

Bob Berlin

Requested By Brief Description John Clizer Safety

Description

Please indicate whether the service of mains or services that form part of a gas distribution system and which are worn out

or in a deteriorated condition presents a safety concern.

Response

Aside from the safety concerns specifically delineated in the Commissions pipeline safety rules (e.g. incidents and safety related conditions in 20 CSR 4240-40.020, and the pipeline safety and integrity requirements in 20 CSR 4240-40.030), Commission Staff, including Safety Engineering Staff, rely on the observations and determinations of utility management and operations personnel on the condition of the gas distribution system. Data Request Response provided by Greg Williams (greg.williams@psc.mo.gov) and Bob Berlin

(bob.berlin@psc.mo.gov).

Objections

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Security:

Public

Rationale:

NA