

 U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration	<b>ANNUAL REPORT FOR CALENDAR YEAR 2023 GAS DISTRIBUTION SYSTEM</b>	Initial Date Submitted:	03/14/2024
		Report Submission Type	INITIAL
		Date Submitted:	

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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>.

<b>PART A - OPERATOR INFORMATION</b>		(DOT use only)	20241082-60520	
1. Name of Operator			SOUTHWEST GAS CORP	
2. LOCATION OF OFFICE (WHERE ADDITIONAL INFORMATION MAY BE OBTAINED)				
2a. Street Address			8360 S. Durango Drive	
2b. City and County			LAS VEGAS	
2c. State			NV	
2d. Zip Code			89113	
3. OPERATOR'S 5 DIGIT IDENTIFICATION NUMBER			18536	
4. HEADQUARTERS NAME & ADDRESS				
4a. Street Address			8360 S. Durango Drive	
4b. City and County			LAS VEGAS	
4c. State			NV	
4d. Zip Code			89113	
5. STATE IN WHICH SYSTEM OPERATES			CA	
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				

<b>PART B - SYSTEM DESCRIPTION</b>											
<b>1.GENERAL</b>											
	STEEL				PLASTIC	CAST/ WROUGHT IRON	DUCTILE IRON	COPPER	OTHER	RECONDITION ED CAST IRON	SYSTEM TOTAL
	UNPROTECTED		CATHODICALLY PROTECTED								
	BARE	COATED	BARE	COATED							
MILES OF MAIN				509.067	2729.674	0	0	0	0	0	3238.741
NO. OF SERVICES				7880	179280	0	0	0	0	0	187160

2. MILES OF MAINS IN SYSTEM AT END OF YEAR												
MATERIAL	UNKNOWN	2" OR LESS	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8" THRU 12"	OVER 12"	SYSTEM TOTALS					
STEEL	0	124.589	184.952	172.214	20.543	6.769	509.067					
DUCTILE IRON	0	0	0	0	0	0	0					
COPPER	0	0	0	0	0	0	0					
CAST/WROUGHT IRON	0	0	0	0	0	0	0					
PLASTIC PVC	0	0.029	0	0	0	0	0.029					
PLASTIC PE	0	2298.708	373.124	57.813	0	0	2729.645					
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	2423.326	558.076	230.027	20.543	6.769	3238.741					
Describe Other Material:												
3. NUMBER OF SERVICES IN SYSTEM AT END OF YEAR				AVERAGE SERVICE LENGTH: 90								
MATERIAL	UNKNOWN	1" OR LESS	OVER 1" THRU 2"	OVER 2" THRU 4"	OVER 4" THRU 8"	OVER 8"	SYSTEM TOTALS					
STEEL	0	7833	28	14	5	0	7880					
DUCTILE IRON	0	0	0	0	0	0	0					
COPPER	0	0	0	0	0	0	0					
CAST/WROUGHT IRON	0	0	0	0	0	0	0					
PLASTIC PVC	0	0	0	0	0	0	0					
PLASTIC PE	0	177637	1625	18	0	0	179280					
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	185470	1653	32	5	0	187160					
Describe Other Material:												
4. MILES OF MAIN AND NUMBER OF SERVICES BY DECADE OF INSTALLATION												
	UNKNOWN	PRE-1940	1940-1949	1950-1959	1960-1969	1970-1979	1980-1989	1990-1999	2000-2009	2010-2019	2020-2029	TOTAL
MILES OF MAIN	84.345	0	0.005	90.429	66.039	202.902	458.615	595.397	1001.572	542.359	197.078	3238.741
NUMBER OF SERVICES	6741	0	0	0	407	6822	30339	33980	65895	25574	17402	187160
PART C - TOTAL LEAKS AND HAZARDOUS LEAKS ELIMINATED/REPAIRED DURING THE YEAR												

CAUSE OF LEAK	MAINS		SERVICES	
	TOTAL	HAZARDOUS	TOTAL	HAZARDOUS
CORROSION FAILURE	1	0	4	1
NATURAL FORCE DAMAGE	2	1	58	36
EXCAVATION DAMAGE	14	14	99	98
OTHER OUTSIDE FORCE DAMAGE	3	3	45	28
PIPE, WELD OR JOINT FAILURE	14	0	37	4
EQUIPMENT FAILURE	3	1	479	25
INCORRECT OPERATIONS	33	2	3	0
OTHER CAUSE	0	0	0	0
<b>NUMBER OF KNOWN SYSTEM LEAKS AT END OF YEAR SCHEDULED FOR REPAIR : 4</b> <b>NUMBER OF HAZARDOUS LEAKS INVOLVING A MECHANICAL JOINT FAILURE : 3</b>				
<b>PART D - EXCAVATION DAMAGE</b>			<b>PART E – RESERVED</b>	
1. TOTAL NUMBER OF EXCAVATION DAMAGES BY APPARENT ROOT CAUSE: <u>130</u>  a. One-Call Notification Practices Not Sufficient: <u>54</u>  b. Locating Practices Not Sufficient: <u>15</u>  c. Excavation Practices Not Sufficient: <u>50</u>  d. Other: <u>11</u>				
2. NUMBER OF EXCAVATION TICKETS <u>52846</u>				
<b>PART F - LEAKS ON FEDERAL LAND</b>			<b>PART G – PERCENT OF UNACCOUNTED FOR GAS</b>	
TOTAL NUMBER OF LEAKS ON FEDERAL LAND REPAIRED OR SCHEDULED TO REPAIR: <u>0</u>			UNACCOUNTED FOR GAS AS A PERCENT OF TOTAL CONSUMPTION FOR THE 12 MONTHS ENDING JUNE 30 OF THE REPORTING YEAR.  $\frac{[(\text{PURCHASED GAS} + \text{PRODUCED GAS}) \text{ MINUS } (\text{CUSTOMER USE} + \text{COMPANY USE} + \text{APPROPRIATE ADJUSTMENTS})]}{(\text{CUSTOMER USE} + \text{COMPANY USE} + \text{APPROPRIATE ADJUSTMENTS})} \times 100 \text{ EQUALS PERCENT UNACCOUNTED FOR.}$  FOR YEAR ENDING 6/30: <u>0.13%</u>	

PART H - ADDITIONAL INFORMATION	
PART I - PREPARER	
<u>Alyse Baker Administrator/Compliance</u> (Preparer's Name and Title)	<u>(702) 364-3272</u> (Area Code and Telephone Number)
<u>alyse.baker@swgas.com</u> (Preparer's email address)	<u>(702) 876-4238</u> (Area Code and Facsimile Number)