

Picarro Program:

Indications from the Picarro survey equipment and investigation of those indications produced the following data for calendar year 2022.

Picarro Equipment	
Compliance Data	
Total Pipeline Miles Driven	338
Total # of Indications *	1,185
Avg Indications Identified per Mile	3.5
Total Leaks Found	666
Leaks per Mile	2.0
Pipe prone to leaks (Bare Steel & Cast Iron)	
1 / PR	12
2+	24
2	155
3	21
Pipe with no known issues (Coated Steel)	
1 / PR	10
2+	9
2	68
3	4
Recently installed mains (Plastic)	
1 / PR	4
2+	4
2	56
3	5
Above ground leaks	
1 / PR	14
2+	25
2	157
3	98

** An indication does not constitute a leak until it has been investigated and graded*

Columbia Gas of Kentucky – 2022 Calendar Year

Top Areas of Grade 1 Leaks**

Rank	Material	Install Decade	Gr 1 Leaks per Mile
1	Bare Steel	1940s	0.26
2	Coated Steel	1950s	0.20
3	Coated Steel	1970s	0.17
4	Coated Steel	1960s	0.17
5	Bare Steel	1920s	0.15
6	Plastic	2000s	0.12
7	Plastic	1990s	0.10
8	Bare Steel	1950s	0.10
9	<i>Plastic</i>	<i>2020s</i>	<i>0.71</i>
10	<i>Plastic</i>	<i>1960s</i>	<i>0.41</i>
11	<i>Bare Steel</i>	<i>1930s</i>	<i>0.28</i>

*** Ranks 9-11 had less than 10 miles of main surveyed for each material and vintage combination, and are considered outliers*

Cleared Leaks by Grade - Repair

Leak Grade	# Cleared
1	19
2+	46
2	283
3	78

Cleared Leaks by Grade - Replacement

Leak Grade	# Cleared
1	21
2+	16
2	68
3	1

Pipe Replaced as Result of Survey (Capital)

Main Material	Footage Replaced
Bare Steel	9,016
Coated Steel	60
Plastic	69

# of Service Lines	Footage Replaced
51	4,370

Cross-Bore Program:

Data for the Cross-Bore program in calendar year 2022 is shown below.