



# Public Service Commission of Wisconsin

## 2023 Pipeline Safety Distribution Report All Operators

PART B - SYSTEM DESCRIPTION											
1. General											
	Steel				Ductile Iron	Copper	Cast / Wrought Iron	Plastic	Other	Reconditioned Cast Iron	Total
	Unprotected		Cathodically Protected								
	Bare	Coated	Bare	Coated							
Miles of Main	0	6.3	0.2	11212.888	0	0	0	31035.273	44.5	0	42299.161
No. of Services	0	305	2	204284	0	8158	0	1535713	1899	0	1750361

2. Miles of Mains in System at End of Year							
Material	Unknown	2" or Less	Over 2" - 4"	Over 4" - 8"	Over 8" - 12"	Over 12"	Total
Steel	1.5	4507.9	3386.36	2565.019	554.71	203.99	11219.479
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
PVC	0	0	0	0	0	0	0
PE	0.4	21329.3	7830.111	1868.888	5.54	0	31034.273
ABS	0	0	0	0	0	0	0
Other Plastic	0	0	0	0	0	0	0
Other	25.1	13.8	5.4	0.2	0	0	44.5
Reconditioned Cast Iron	0	0	0	0	0	0	0
<b>Total</b>	<b>27</b>	<b>25851</b>	<b>11221.871</b>	<b>4434.107</b>	<b>560.25</b>	<b>203.99</b>	<b>42298.252</b>

3. Number of Services in System at End of Year						Average Service Length (feet):	111.4018182	Total
Material	Unknown	1" or Less	Over 1" - 2"	Over 2" - 4"	Over 4" - 8"	Over 8"		
Steel	3	181240	22120	1006	215	7		204591
Ductile Iron	0	0	0	0	0	0		0
Copper	0	15	8143	0	0	0		8158
Cast/Wrought Iron	0	0	0	0	0	0		0
PVC	0	20	9682	0	0	0		9702
PE	44	1503751	20573	1505	138	0		1526011
ABS	0	0	0	0	0	0		0
Other Plastic	0	0	0	0	0	0		0
Other	300	1545	53	1	0	0		1899
Reconditioned Cast Iron	0	0	0	0	0	0		0
<b>Total</b>	<b>347</b>	<b>1686571</b>	<b>60571</b>	<b>2512</b>	<b>353</b>	<b>7</b>		<b>1750361</b>

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
Miles of Main	147.35	0.86	14.79	1069.76	6416.128	4278.176	3861.838	11054.186	6492.846	6616.104	2347.205
No. of Services	12070	1406	891	29795	156043	249059	239929	348364	278077	320796	113932

PART C - TOTAL LEAKS AND HAZARDOUS LEAKS/ELIMINATED/REPAIRED DURING THE YEAR				
Cause of Leak	Mains		Services	
	Total	Hazardous	Total	Hazardous
Corrosion	13	4	94	50
Natural Forces	13	11	196	136
Excavation Damage	276	266	1073	1028
Other Outside Force Damage	5	5	252	218
Pipe, Weld, or Joint Failure	37	13	275	75
Equipment	127	12	3711	599
Incorrect Operations	24	2	117	10
Other	14	4	145	51

Number of Known System Leaks at End of Year Scheduled for Repair	1700
Number of Hazardous Leaks Involving A Mechanical Joint	142

PART D - EXCAVATION DAMAGE		PART E - EXCESS FLOW VALVE (EFV) DATA	
# of Excavation Damages (By Root Cause)	1434	# of EFVs installed this calendar year on single family residential services	0
a. One-Call Notification Practices Not Sufficient	265	Total number of EFVs installed in system at the end of the year	0
b. Locating Practices Not Sufficient	288	# of manual service line shut-off valves installed this calendar year on single-family residential services	0
c. Excavation Practices Not Sufficient	864	Total number of manual service line shut-off valves in the system at end of year	0
d. Other	17		
Number of Excavation Tickets	851337		

PART F - LEAKS OF FEDERAL LAND		PART G - PERCENT OF UNACCOUNTED FOR GAS	
Total number of Leaks on Federal land repaired or scheduled to repair	1	Unaccounted for gas as a percent of total input for the 12 months ending June 30 (6/30) of the reporting year	-