



Public Service Commission of Wisconsin

2021 Pipeline Safety Distribution Report All Operators

PART B - SYSTEM DESCRIPTION

1. General										
	Steel				Ductile Iron	Copper	Cast / Wrought Iron	Plastic	Other	Total
	Unprotected		Cathodically Protected							
	Bare	Coated	Bare	Coated						
Miles of Main	4	32.6	0	11528.2	0	0	0	29923.06	46.7	41534.555
No. of Services	1	397	0	215804	0	8881	0	1497229	2089	1724401

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	2	4707.919	3496.95	2609.089	541.13	204.11	11561.198
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	20673.41	7498.51	1749.36	1.38	0	29923.057
ABS	0	0	0	0	0	0	0
Other Plastic	0	0	0	0	0	0	0
Other	26.8	14.4	5.3	0.2	0	0	46.7
Total	29.2	25395.73	11000.76	4358.649	542.51	204.11	41530.96

3. Number of Services in System at End of Year

Average Service Length (feet): 94.79908788

Material	Unknown	1" or Less	Over 1" - 2"	Over 2" - 4"	Over 4" - 8"	Over 8"	Total
Steel	3	191249	23650	1071	222	7	216202
Ductile Iron	0	0	0	0	0	0	0
Copper	0	25	8856	0	0	0	8881
Cast/Wrought Iron	0	0	0	0	0	0	0
PVC	0	75	10330	0	0	0	10405
PE	43	1465667	19560	1423	131	0	1486824
ABS	0	0	0	0	0	0	0
Other Plastic	0	0	0	0	0	0	0
Other	321	1704	62	2	0	0	2089
Total	367	1658720	62458	2496	353	7	1724401

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	301.9	0.7	15.29	1140.85	6646.907	4404.074	3884.822	11050.87	6496.106	6612.205	1265.247
No. of Services	14277	1462	986	31928	165503	260168	245212	352024	279818	321658	56760

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

Cause of Leak	Mains		Services	
	Total	Hazardous	Total	Hazardous
Corrosion	10	3	125	48
Natural Forces	13	6	172	100
Excavation Damage	271	264	968	928
Other Outside Force Damage	15	14	309	265
Materials or Welds	45	10	316	103
Equipment	164	14	4062	477
Incorrect Operations	25	7	75	12
Other	14	7	200	34
Number of Known System Leaks at End of Year Scheduled for Repair	838			
Number of Hazardous Leaks Involving A Mechanical Joint	144			

PART D - EXCAVATION DAMAGE

PART E - EXCESS FLOW VALVE (EFV) DATA

# of Excavation Damages (By Root Cause)	1317	# of EFVs installed this calendar year on single family residential services	29350
a. One-Call Notification Practices Not Sufficient	260	Total number of EFVs installed in system at the end of the year	424568
b. Locating Practices Not Sufficient	222	# of manual service line shut-off valves installed this calendar year on single-family residential services	1040
c. Excavation Practices Not Sufficient	783	Total number of manual service line shut-off valves in the system at end of year	60303
d. Other	52		
Number of Excavation Tickets	834047		

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	0	Unaccounted for gas as a percent of total input for the 12 months ending June 30 (6/30) of the reporting year	-
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