



Public Service Commission of Wisconsin

2017 Pipeline Safety Distribution Report All Operators

PART B - SYSTEM DESCRIPTION											
1. General											
	Steel				Ductile Iron	Copper	Cast / Wrought Iron	Plastic	Other	Total	
	Unprotected		Cathodically								
	bare	coated	Bare	Coated							
Miles of Main	0.1	33.9	0	12307.44	0	0	0	27571.77	63.4	39976.6	
No. of Services	0	704	0	243132	0	12037	0	1421130	2165	1679168	
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	4.8	5094.631	3778.909	2744.989	526.47	192.91	12342.44				
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	0.8	19262.23	6896.282	1410.45	1.1	0	27570.87				
ABS	0	0	0	0	0	0	0				
Other Plastic	0	0	0	0	0	0	0				
Other	39.1	17.2	6.6	0.6	0	0	63.5				
Total	44.7	24373.79	10681.791	4156.039	527.57	192.91	39976.80				
3. Number of Services in System at End of Year											
Material	Unknown	1" or Less	Over 1" - 2"	Over 2" - 4"	Over 4" - 8"	Over 8"	Average Service Length (feet): 94.84198931			Total	
Steel	3	215511	26869	1219	226	8				243836	
Ductile Iron	0	0	0	0	0	0				0	
Copper	0	70	11967	0	0	0				12037	
Cast/Wrought Iron	0	0	0	0	0	0				0	
PVC	0	88	12956	0	0	0				13044	
PE	27	1389136	17573	1244	104	0				1408084	
ABS	0	0	0	0	0	0				0	
Other Plastic	0	2	0	0	0	0				2	
Other	331	1760	71	3	0	0				2165	
Total	361	1606567	69436	2466	330	8				1679168	
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	Total
Miles of Main	312.76	3.7	22.29	1312.21	7148.565	4750.167	3963.282	11126.32	6533.856	4804.643	39977.82
No. of Services	15783	2304	1396	40834	189068	283527	256718	362661	281463	245415	1679169
PART C - TOTAL LEAKS AND HAZARDOUS LEAKS/ELIMINATED/REPAIRED DURING THE YEAR											
Cause of Leak	Mains				Services						
	Total	Hazardous	Total	Hazardous							
Corrosion	19	7	113	41							
Natural Forces	12	7	137	82							
Excavation Damage	213	198	949	871							
Other Outside Force Damage	7	7	251	213							
Materials or Welds	66	21	366	132							
Equipment	167	22	4059	729							
Incorrect Operations	20	5	107	31							
Other	14	1	213	51							
Number of Known System Leaks at End of Year Scheduled for Repair					3332						
PART D - EXCAVATION DAMAGE				PART E - EXCESS FLOW VALVE (EFV) DATA							
# of Excavation Damages (By Root Cause)	1274			# of EFVs installed this calendar year on single family residential services			23624				
a. One-Call Notification Practices Not Sufficient	315										
b. Locating Practices Not Sufficient	176										
c. Excavation Practices Not Sufficient	675										
d. Other	108			Total number of EFVs installed in system at the end of the year			301875				
Number of Excavation Tickets	795370										
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			-				