



Public Service Commission of Wisconsin

2018 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	0.40	22	0	11913.57	0	0	0	28422.25	62.5	40420.71	
No. of Services	2	637	0	232509	0	10908	0	1444094	2159	1690309	
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	4942.11	3639.82	2633.31	519.93	195.91	11935.88				
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	0.7	19813	7087.93	1519.52	1.1	0	28422.25				
ABS	0	0	0	0	0	0	0				
Other Plastic	0	0	0	0	0	0	0				
Other	38.6	17.2	6.4	0.3	0	0	62.5				
Total	44.1	24772.31	10734.15	4153.13	521.03	195.91	40420.62				
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				
Steel	3	206003	25753	1153	230	7	233149				
Ductile Iron	0	0	0	0	0	0	0				
Copper	0	63	10845	0	0	0	10908				
Cast/Wrought Iron	0	0	0	0	0	0	0				
PVC	0	84	11912	0	0	0	11996				
PE	40	1412533	18120	1289	116	0	1432098				
ABS	0	0	0	0	0	0	0				
Other Plastic	0	0	0	0	0	0	0				
Other	337	1749	70	3	3	0	2159				
Total	380	1620432	66700	2445	346	7	1690310				
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	311.86	0.7	22.29	1244.27	6960.79	4576.67	3937.41	11135.31	6522.67	5708.77	40420.72
No. of Services	15553	1704	1278	36624	179698	274304	252575	358022	282746	287806	1690310
PART C - TOTAL LEAKS AND HAZARDOUS LEAKS/ELIMINATED/REPAIRED DURING THE YEAR											
Cause of Leak	Mains				Services						
	Total	Hazardous	Total	Hazardous							
Corrosion	24	9	100	60							
Natural Forces	13	7	145	94							
Excavation Damage	279	258	993	928							
Other Outside Force Damage	8	7	256	227							
Materials or Welds	68	36	286	133							
Equipment	151	38	4433	717							
Incorrect Operations	19	6	177	45							
Other	18	8	195	71							
Number of Known System Leaks at End of Year Scheduled for Repair					4036						
PART D - EXCAVATION DAMAGE				PART E - EXCESS FLOW VALVE (EFV) DATA							
# of Excavation Damages (By Root Cause)	1308			# of EFVs installed this calendar year on single family residential services							23326
a. One-Call Notification Practices Not Sufficient	250										
b. Locating Practices Not Sufficient	220										
c. Excavation Practices Not Sufficient	719										
d. Other	119			Total number of EFVs installed in system at the end of the year							340737
Number of Excavation Tickets	780365										
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	2			Unaccounted for gas as a percent of total input for the 12 months ending June 30 (6/30) of the reporting year							-