



Public Service Commission of Wisconsin

2015 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	0	0	12662.55	0	0	0	26256.03	64	38982.58	
No. of Services	2	0	0	257684	0	13183	0	1358145	24632	1653646	
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	5.1	5269.932	3904.763	2767.004	520.35	195.31	12662.46				
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	1	0	0	0	0	1				
PE	0.8	18548.19	6429.493	1275.45	1.1	0	26255.03				
ABS	0	0	0	0	0	0	0				
Other Plastic	0	0	0	0	0	0	0				
Other	42.6	14.8	6.3	0.3	0	0	64				
Total	48.5	23833.92	10340.556	4042.754	521.45	195.31	38982.49				
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	2	227511	28652	1281	230	10	257686				
Ductile Iron	0	0	0	0	0	0	0				
Copper	0	84	13099	0	0	0	13183				
Cast/Wrought Iron	0	0	0	0	0	0	0				
PVC	0	95	13848	0	0	0	13943				
PE	16	1326538	16432	1130	86	1	1344203				
ABS	0	0	0	0	0	0	0				
Other Plastic	0	0	0	0	0	0	0				
Other	341	24030	242	16	3	0	24632				
Total	359	1578258	72273	2427	319	11	1653647				
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	819.71	3.87	27.29	1386.59	7311.845	4944.78	3995.402	10758.16	6469.23	3266.176	38983.05
No. of Services	14652	2425	1627	44917	200036	294152	261873	365807	283440	184717	1653646
PART C - TOTAL LEAKS AND HAZARDOUS LEAKS/ELIMINATED/REPAIRED DURING THE YEAR											
Cause of Leak	Mains				Services						
	Total	Hazardous	Total	Hazardous							
Corrosion	24	5	151	55							
Natural Forces	15	12	110	60							
Excavation Damage	204	193	996	926							
Other Outside Force Damage	10	4	215	186							
Materials or Welds	85	21	397	158							
Equipment	130	17	5279	736							
Incorrect Operations	20	8	133	26							
Other	21	5	325	67							
Number of Known System Leaks at End of Year Scheduled for Repair					2300						
PART D - EXCAVATION DAMAGE				PART E - EXCESS FLOW VALVE (EFV) DATA							
# of Excavation Damages (By Root Cause)	1312			# of EFVs installed this calendar year on single family residential services							25612
a. One-Call Notification Practices Not Sufficient	263										
b. Locating Practices Not Sufficient	136										
c. Excavation Practices Not Sufficient	718										
d. Other	196										
Number of Excavation Tickets	792197			Total number of EFVs installed in system at the end of the year							242516
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	5			Unaccounted for gas as a percent of total input for the 12 months ending June 30 (6/30) of the reporting year							-